





## ERp57 Polyclonal Antibody

Catalog No         YP-Ab-13978           Isotype         IgG           Reactivity         Human;Mouse;Rat           Applications         WB;HC;IF;ELISA           Gene Name         PDIA3           Protein Name         Protein disulfide-isomerase A3           Immunogen         The antiserum was produced against synthesized peptide derived from the Internal region of human PDIA3. AA range:111-160           Specificity         ERp57 Polyclonal Antibody detects endogenous levels of ERp57 protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Polyclonal, Rabbit,IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000 IF 1:50-200           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         PDIA3; ERP57; ERP60; GRP58; Protein disulfide-isomerase A3; 58 kDa glucose-regulated protein; 58 kDa microsomal protein; p58; Disulfide isomerase ER-60; Endoplasmic reticulum resident protein 60; ER protein 57; ERp57; Endoplasmic reticulum resident protein 60; ER protein 57; ERp57; Endoplasmic reticulum resident protein 60; ER protein 57; ERp57; Endoplasmic reticulum resident protein 60; Expressed in liver; stomach and colon (at protein level) (PubM		
Reactivity Human; Mouse; Rat  Applications WB; IHC; IF; ELISA  Gene Name PDIA3  Protein Name Protein disulfide-isomerase A3  Immunogen The antiserum was produced against synthesized peptide derived from the Internal region of human PDIA3. AA range; 111-160  Specificity ERp57 Polyclonal Antibody detects endogenous levels of ERp57 protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Polyclonal, Rabbit, IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. IF 1:50-200  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms PDIA3; ERP57; ERP60; GRP58; Protein disulfide-isomerase A3; 58 kDa glucose-regulated protein; 58 kDa microsomal protein; p58; Disulfide isomerase ER-60; Endoplasmic reticulum resident protein 57; ER protein 57; ERp57; Endoplasmic reticulum resident protein 60; ER protein 57; ERp57  Endoplasmic reticulum . Endoplasmic reticulum lumen. Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed: 2643545).  Tissue Specificity Detected in the flaggellum and head region of spermatozoa (at protein level) (PubMed: 20400973). Expressed in liver, stomach and colon (at protein level) (PubMed: 24188822).  Function calalytic activity: Catalyzes the rearrangement of -S-S- bonds in proteins, saution: Was originally thought to be a phosphatidylinositol-4,5-bisphosphate phosphodiesterase type I (phospholipase c-alpha), mass spectrometry: PubMed: 11840567; similarity; Belongs to the protein docion indentified by mass spectrometry in melanosome fractions from stage I to sequence aphosphatidylinositol-4,5-bisphosphate phosphodiesterase type I (phospholipase c-alpha), mass spectrometry: PubMed: 11840567; similarity; Belongs to the protein docion indentified by mass spectrometry in melanosome fractions from stage I to the protein docion indentified by mass spectr	Catalog No	YP-Ab-13978
Applications WB;HC;IF;ELISA  Gene Name PDIA3  Protein Name Protein disulfide-isomerase A3  Immunogen The antiserum was produced against synthesized peptide derived from the Internal region of human PDIA3. AA range:111-160  Specificity ERp57 Polyclonal Antibody detects endogenous levels of ERp57 protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Polyclonal, Rabbit,IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000 IF 1:50-200  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms PDIA3; ERP57; ERP60; GRP58; Protein disulfide-isomerase A3; 58 kDa glucose-regulated protein; 58 kDa microsomal protein; p58; Disulfide isomerase ER-60;Endoplasmic reticulum resident protein 57; ER protein 57; ERp57; Endoplasmic reticulum resident protein 50; ER protein 57; ERp57; Endoplasmic reticulum resident protein 60; ER protein 60; ERp60  Observed Band 55kD  Cell Pathway Endoplasmic reticulum . Endoplasmic reticulum lumen . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:216436545).  Tissue Specificity Detected in the flagellum and head region of spermatozoa (at protein level) (PubMed:216400973). Expressed in liver, stomach and colon (at protein level) (PubMed:24168622).  Function catalytic activity: Catalyzes the rearrangement of -S-S- bonds in proteins, cauthon: Was originally thought to be a phosphalidylinositol-4, 5-bisphosphate phosphodiesteras type I (phospholipase C-alpha), mass spectrometry: PubMed:31640567; similarity; Belongs to the protein docation: Morans as percometry in melanosome fractions from stage I to	Isotype	IgG
Protein Name	Reactivity	Human;Mouse;Rat
Immunogen	Applications	WB;IHC;IF;ELISA
Immunogen         The antiserum was produced against synthesized peptide derived from the Internal region of human PDIA3. AA range:111-160           Specificity         ERp57 Polyclonal Antibody detects endogenous levels of ERp57 protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Polyclonal, Rabbit, IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000 IF 1:50-200           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         PDIA3; ERP57; ERP60; GRP58; Protein disulfide-isomerase A3; 58 kDa glucose-regulated protein; 58 kDa microsomal protein; p58; Disulfide isomerase ER-60;Endoplasmic reticulum resident protein 57; ER protein 57; ER p567; Endoplasmic reticulum resident protein 60; ER protein 60; ERp60           Observed Band         55kD           Cell Pathway         Endoplasmic reticulum . Endoplasmic reticulum lumen . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:2643645).           Tissue Specificity         Detected in the flagellum and head region of spermatozoa (at protein level) (PubMed:2418822).           Function         catalytic activity:Catalytzes the rearrangement of -S-S- bonds in proteins, caution:Was originally thought	Gene Name	PDIA3
Internal region of human PDIA3. AA range:111-160  Specificity ERp57 Polyclonal Antibody detects endogenous levels of ERp57 protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Polyclonal, Rabbit, IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000 IF 1:50-200  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms PDIA3; ERP57; ERP60; GRP58; Protein disulfide-isomerase A3; 58 kDa glucose-regulated protein; 58 kDa microsomal protein; p58; Disulfide isomerase ER-60; Endoplasmic reticulum resident protein 57; ER protein 67; ERp57; Endoplasmic reticulum resident protein 60; ER protein 60; ERp60  Observed Band 55kD  Cell Pathway Endoplasmic reticulum . Endoplasmic reticulum lumen . Melanosome . Identified by mass spectrometry in melanosome fractions from stage 1 to stage IV (PubMed: 20400973). Expressed in liver, stomach and colon (at protein level) (PubMed: 20400973). Expressed in liver, stomach and colon (at protein level) (PubMed: 20400973). Expressed in liver, stomach and colon (at protein level) (PubMed: 20410812488822).  Function catalytic activity. Catalyzes the rearrangement of -S-S- bonds in proteins, caution: Was originally thought to be a phosphatidylinositol-4, 5-bisphosphate phosphodiesterase type I (phospholipase C-alpha), mass spectrometry: PubMed: 11840367, similarity: Belongs to the protein disulfide isomerase family, similarity. Contains 2 thioredoxin domains, subsellul to location identified by mass spectrometry in melanosome fractions from stage luto	Protein Name	Protein disulfide-isomerase A3
Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Polyclonal, Rabbit,IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000 IF 1:50-200  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms PDIA3; ERP57; ERP60; GRP58; Protein disulfide-isomerase A3; 58 kDa glucose-regulated protein; 58 kDa microsomal protein; p58; Disulfide isomerase ER-60; Endoplasmic reticulum resident protein 57; ER protein 57; ERp57; Endoplasmic reticulum resident protein 60; ER protein 60; ERp60  Observed Band 55kD  Cell Pathway Endoplasmic reticulum . Endoplasmic reticulum lumen . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed: 20400973). Expressed in liver, stomach and colon (at protein level) . Expressed in gastric parietal cells and chief cells (at protein level) . Expressed in gastric parietal cells and chief cells (at protein level) . Expressed in gastric parietal cells and chief cells (at protein level) . Catalytic activity. Catalyzes the rearrangement of -S-S- bonds in proteins. caution: Was originally thought to be a phosphatidylinositol-4,5-bisphosphate phosphodiesterase type I (phospholipase C-alpha) . mass spectrometry: PubMed: 11840567, similarity: Belongs to the protein disulfide isomerase family, similarity: Contains 2 thioredoxin domains, subcellular	Immunogen	
Source         Polyclonal, Rabbit,IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000 IF 1:50-200           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         PDIA3; ERP57; ERP60; GRP58; Protein disulfide-isomerase A3; 58 kDa glucose-regulated protein; 58 kDa microsomal protein; p58; Disulfide isomerase ER-60; Endoplasmic reticulum resident protein 57; ER protein 57; ERp57; Endoplasmic reticulum resident protein 60; ER protein 60; ERp60           Observed Band         55kD           Cell Pathway         Endoplasmic reticulum . Endoplasmic reticulum lumen . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed: 21643545).           Tissue Specificity         Detected in the flagellum and head region of spermatozoa (at protein level) (PubMed: 24188822).           Function         catalytic activity: Catalyzes the rearrangement of -S-S- bonds in proteins. caution: Was originally thought to be a phosphatidylinositol-4,5-bisphosphate phosphodiesterase type I (phospholipase C-alpha), mass spectrometry: PubMed: 11840567, similarity: Belongs to the protein disulfide isomerase family, similarity: Contains 2 thioredoxin domains, subcellular location: Identified by mass spectrometry in melanosome fractions from stage I to	Specificity	ERp57 Polyclonal Antibody detects endogenous levels of ERp57 protein.
Purification  The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000 IF 1:50-200  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  PDIA3; ERP57; ERP60; GRP58; Protein disulfide-isomerase A3; 58 kDa glucose-regulated protein; 58 kDa microsomal protein; p58; Disulfide isomerase ER-60;Endoplasmic reticulum resident protein 57; ER protein 57; ERp57; Endoplasmic reticulum resident protein 60; ER protein 60; ERp60  Observed Band  55kD  Cell Pathway  Endoplasmic reticulum. Endoplasmic reticulum lumen. Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:12643545).  Tissue Specificity  Detected in the flagellum and head region of spermatozoa (at protein level) (PubMed:24188322).  Function  catalytic activity: Catalyzes the rearrangement of -S-S- bonds in proteins, caution: Was originally thought to be a phosphatidylinositol-4,5-bisphosphate phosphodiesterase type I (phospholipase C-alpha), mass spectrometry: PubMed:11840567, similarity: Belongs to the protein disulfide isomerase family, similarity: Contains 2 thioredoxin domains, subcellulailocation: Identified by mass spectrometry in melanosome fractions from stage I to s	Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
affinity-chromatography using epitope-specific immunogen.  Dilution  WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000 IF 1:50-200  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  PDIA3; ERP57; ERP60; GRP58; Protein disulfide-isomerase A3; 58 kDa glucose-regulated protein; 58 kDa microsomal protein; p58; Disulfide isomerase ER-60;Endoplasmic reticulum resident protein 57; ER protein 57; ERp57; Endoplasmic reticulum resident protein 60; ER protein 57; ERp60  Observed Band  Cell Pathway  Endoplasmic reticulum . Endoplasmic reticulum lumen . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed: 12643545) .  Tissue Specificity  Detected in the flagellum and head region of spermatozoa (at protein level) (PubMed: 20400973). Expressed in liver, stomach and colon (at protein level) (PubMed: 24188822).  Function  catalytic activity: Catalyzes the rearrangement of -S-S- bonds in proteins., caution: Was originally thought to be a phosphatidylinositol-4, 5-bisphosphate phosphodiesterase type I (phospholipase C-alpha)., mass spectrometry: PubMed: 11840567, similarity: Belongs to the protein disulfide isomerase family, similarity: Contains 2 thioredoxin domains, subcellular location: Identified by mass spectrometry in melanosome fractions from stage I to	Source	Polyclonal, Rabbit,IgG
Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       PDIA3; ERP57; ERP60; GRP58; Protein disulfide-isomerase A3; 58 kDa glucose-regulated protein; 58 kDa microsomal protein; p58; Disulfide isomerase ER-60;Endoplasmic reticulum resident protein 57; ER protein 57; ERp57; Endoplasmic reticulum resident protein 60; ER protein 60; ERp60         Observed Band       55kD         Cell Pathway       Endoplasmic reticulum . Endoplasmic reticulum lumen . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:12643545)         Tissue Specificity       Detected in the flagellum and head region of spermatozoa (at protein level) (PubMed:20400973). Expressed in liver, stomach and colon (at protein level) (PubMed:24188822).         Function       catalytic activity:Catalyzes the rearrangement of -S-S- bonds in proteinscaution:Was originally thought to be a phosphatidylinositol-4,5-bisphosphate phosphodiesterase type I (phospholipase C-alpha)mass spectrometry: PubMed:11840567,similarity:Belongs to the protein disulfide isomerase familysimilarity:Contains 2 thioredoxin domains.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to	Purification	·
Purity ≥90%  Storage Stability -20°C/1 year  Synonyms PDIA3; ERP57; ERP60; GRP58; Protein disulfide-isomerase A3; 58 kDa glucose-regulated protein; 58 kDa microsomal protein; p58; Disulfide isomerase ER-60;Endoplasmic reticulum resident protein 57; ER protein 57; ERp57; Endoplasmic reticulum resident protein 60; ER protein 60; ERp60  Observed Band 55kD  Cell Pathway Endoplasmic reticulum . Endoplasmic reticulum lumen . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed: 12643545).  Tissue Specificity Detected in the flagellum and head region of spermatozoa (at protein level) (PubMed: 20400973). Expressed in liver, stomach and colon (at protein level) . Expressed in gastric parietal cells and chief cells (at protein level) (PubMed: 24188822).  Function catalytic activity: Catalyzes the rearrangement of -S-S- bonds in proteins., caution: Was originally thought to be a phosphatidylinositol-4,5-bisphosphate phosphodiesterase type I (phospholipase C-alpha), mass spectrometry: PubMed: 11840567, similarity: Belongs to the protein disulfide isomerase family., similarity: Contains 2 thioredoxin domains., subcellular location: Identified by mass spectrometry in melanosome fractions from stage I to	Dilution	WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000 IF 1:50-200
Storage Stability  -20°C/1 year  PDIA3; ERP57; ERP60; GRP58; Protein disulfide-isomerase A3; 58 kDa glucose-regulated protein; 58 kDa microsomal protein; p58; Disulfide isomerase ER-60; Endoplasmic reticulum resident protein 57; ER protein 57; ERp57; Endoplasmic reticulum resident protein 60; ER protein 60; ERp60  Observed Band  55kD  Endoplasmic reticulum . Endoplasmic reticulum lumen . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:12643545)  Tissue Specificity  Detected in the flagellum and head region of spermatozoa (at protein level) (PubMed:20400973). Expressed in liver, stomach and colon (at protein level) (PubMed:2418822).  Function  catalytic activity: Catalyzes the rearrangement of -S-S- bonds in proteins., caution: Was originally thought to be a phosphatidylinositol-4,5-bisphosphate phosphodiesterase type I (phospholipase C-alpha), mass spectrometry: PubMed:11840567, similarity: Belongs to the protein disulfide isomerase family., similarity: Contains 2 thioredoxin domains., subcellular location: Identified by mass spectrometry in melanosome fractions from stage I to	Concentration	1 mg/ml
Synonyms  PDIA3; ERP57; ERP60; GRP58; Protein disulfide-isomerase A3; 58 kDa glucose-regulated protein; 58 kDa microsomal protein; p58; Disulfide isomerase ER-60; Endoplasmic reticulum resident protein 57; ER protein 57; ERp57; Endoplasmic reticulum resident protein 60; ER protein 60; ERp60  Observed Band  55kD  Cell Pathway  Endoplasmic reticulum . Endoplasmic reticulum lumen . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed: 12643545)  Tissue Specificity  Detected in the flagellum and head region of spermatozoa (at protein level) (PubMed: 20400973). Expressed in liver, stomach and colon (at protein level) . Expressed in gastric parietal cells and chief cells (at protein level) (PubMed: 24188822).  Function  catalytic activity: Catalyzes the rearrangement of -S-S- bonds in proteins., caution: Was originally thought to be a phosphatidylinositol-4,5-bisphosphate phosphodiesterase type I (phospholipase C-alpha), mass spectrometry: PubMed: 11840567, similarity: Belongs to the protein disulfide isomerase family., similarity: Contains 2 thioredoxin domains., subcellular location: Identified by mass spectrometry in melanosome fractions from stage I to	Purity	≥90%
glucose-regulated protein; 58 kDa microsomal protein; p58; Disulfide isomerase ER-60;Endoplasmic reticulum resident protein 57; ER protein 57; ERp57; Endoplasmic reticulum resident protein 60; ER protein 60; ERp60  Observed Band  55kD  Cell Pathway  Endoplasmic reticulum . Endoplasmic reticulum lumen . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:12643545)  Tissue Specificity  Detected in the flagellum and head region of spermatozoa (at protein level) (PubMed:20400973). Expressed in liver, stomach and colon (at protein level) (PubMed:24188822).  Function  catalytic activity:Catalyzes the rearrangement of -S-S- bonds in proteins.,caution:Was originally thought to be a phosphatidylinositol-4,5-bisphosphate phosphodiesterase type I (phospholipase C-alpha).,mass spectrometry: PubMed:11840567,similarity:Belongs to the protein disulfide isomerase family.,similarity:Contains 2 thioredoxin domains.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to	Storage Stability	-20°C/1 year
Cell Pathway  Endoplasmic reticulum . Endoplasmic reticulum lumen . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:12643545)  Tissue Specificity  Detected in the flagellum and head region of spermatozoa (at protein level) (PubMed:20400973). Expressed in liver, stomach and colon (at protein level). Expressed in gastric parietal cells and chief cells (at protein level) (PubMed:24188822).  Function  catalytic activity:Catalyzes the rearrangement of -S-S- bonds in proteins.,caution:Was originally thought to be a phosphatidylinositol-4,5-bisphosphate phosphodiesterase type I (phospholipase C-alpha).,mass spectrometry: PubMed:11840567,similarity:Belongs to the protein disulfide isomerase family.,similarity:Contains 2 thioredoxin domains.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to	Synonyms	glucose-regulated protein; 58 kDa microsomal protein; p58; Disulfide isomerase ER-60;Endoplasmic reticulum resident protein 57; ER protein 57; ERp57;
by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:12643545)  Tissue Specificity  Detected in the flagellum and head region of spermatozoa (at protein level) (PubMed:20400973). Expressed in liver, stomach and colon (at protein level). Expressed in gastric parietal cells and chief cells (at protein level) (PubMed:24188822).  Function  catalytic activity:Catalyzes the rearrangement of -S-S- bonds in proteins.,caution:Was originally thought to be a phosphatidylinositol-4,5-bisphosphate phosphodiesterase type I (phospholipase C-alpha).,mass spectrometry: PubMed:11840567,similarity:Belongs to the protein disulfide isomerase family.,similarity:Contains 2 thioredoxin domains.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to	Observed Band	55kD
(PubMed:20400973). Expressed in liver, stomach and colon (at protein level). Expressed in gastric parietal cells and chief cells (at protein level) (PubMed:24188822).  Function  catalytic activity:Catalyzes the rearrangement of -S-S- bonds in proteins.,caution:Was originally thought to be a phosphatidylinositol-4,5-bisphosphate phosphodiesterase type I (phospholipase C-alpha).,mass spectrometry: PubMed:11840567,similarity:Belongs to the protein disulfide isomerase family.,similarity:Contains 2 thioredoxin domains.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to	Cell Pathway	by mass spectrometry in melanosome fractions from stage I to stage IV
proteins.,cautión:Was originally thought to be a phosphatidylinositol-4,5-bisphosphate phosphodiesterase type I (phospholipase C-alpha).,mass spectrometry: PubMed:11840567,similarity:Belongs to the protein disulfide isomerase family.,similarity:Contains 2 thioredoxin domains.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to	Tissue Specificity	(PubMed:20400973). Expressed in liver, stomach and colon (at protein level). Expressed in gastric parietal cells and chief cells (at protein level)
	Function	proteins.,caution:Was originally thought to be a phosphatidylinositol-4,5-bisphosphate phosphodiesterase type I (phospholipase C-alpha).,mass spectrometry: PubMed:11840567,similarity:Belongs to the protein disulfide isomerase family.,similarity:Contains 2 thioredoxin domains.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to



## UpingBio technology Co.,Ltd

C Tel: 400-999-8863 ■ Email:UpingBio@163.com



Background	This gene encodes a protein of the endoplasmic reticulum that interacts with lectin chaperones calreticulin and calnexin to modulate folding of newly synthesized glycoproteins. The protein was once thought to be a phospholipase; however, it has been demonstrated that the protein actually has protein disulfide isomerase activity. It is thought that complexes of lectins and this protein mediate protein folding by promoting formation of disulfide bonds in their glycoprotein substrates. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

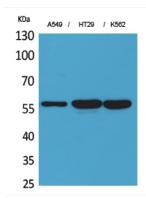




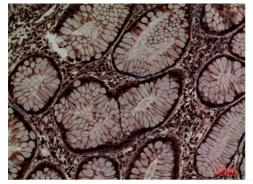




## **Products Images**



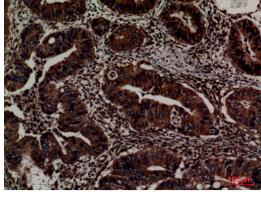
Western Blot analysis of A549, HT29, K562 cells using ERp57 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:100



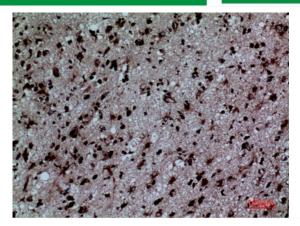
Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:100



## UpingBio technology Co.,Ltd

C Tel: 400-999-8863 🛎 Email:UpingBio@163.com





Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100