

Cdk10 Monoclonal Antibody

Catalog No YP-mAb-16697 Isotype IgG Reactivity Human;Mouse;Rat Applications WB Gene Name CDK10 Protein Name Cyclin-dependent kinase 10 Immunogen The antiserum was produced against synthesized peptide derived from human CDK10. AA range:51-100 Specificity Cdk10 Monoclonal Antibody detects endogenous levels of Cdk10 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-1:2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C1 year Synonyms CDK10; Cyclin-dependent kinase 10; Cell division protein kinase 10; Serine/threonine-protein kinase PISSLRE Observed Band 43kD Cell Pathway Cytoplasm, cytoskeleton, cilium basal body . Tissue Specificity Brain, Colon, Kidney, Lung, Function Catalytic activity.ATP + a protein = ADP + a phosphoprotein.similarity.Belongs to the protei		
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Applications Gene Name CDK10 Protein Name Cyclin-dependent kinase 10 Immunogen The antiserum was produced against synthesized peptide derived from human CDK10. AA range:51-100 Specificity Cdk10 Monoclonal Antibody detects endogenous levels of Cdk10 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-1:2000 Concentration 1 mg/ml Purity 290% Storage Stability -20°C/1 year Synonyms CDK10; Cyclin-dependent kinase 10; Cell division protein kinase 10; Serine/threonine-protein kinase PISSLRE Observed Band 43kD Cell Pathway Cytoplasm, cytoskeleton, cilium basal body. Tissue Specificity Brain, Colon, Kidney, Lung, Function catalytic activity: ATP + a protein = ADP + a phosphoprotein, similarity: Belongs to the protein kinase superfamily, similarity: Belongs to the protein kinase superfamily, CDC/CDKX subfamily, similarity: Contains 1 protein kinase damin, Background The protein encoded by this gene belongs to the CDK subfamily or the Ser/Thr protein kinase family. The CDK subfamily members are highly similar to the gene products of S. cerevisiae cdc28, and S. pombe cdc2, and are known to play a role in cellular proliferation and its function is limited to cell cycle G2-M phase. Multiple transcript variants encoding different isoforms have been found for this gene.	Isotype	IgG
Gene Name CDK10 Protein Name Cyclin-dependent kinase 10 Immunogen The antiserum was produced against synthesized peptide derived from human CDK10. AA range:51-100 Specificity Cdk10 Monoclonal Antibody detects endogenous levels of Cdk10 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-1:2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms CDK10; Cyclin-dependent kinase 10; Cell division protein kinase 10; Serine/threonine-protein kinase PISSLRE Observed Band 43kD Cell Pathway Cytoplasm, cytoskeleton, cilium basal body. Tissue Specificity Brain,Colon,Kidney,Lung, Function catalytic activity:ATP + a protein = ADP + a phosphoprotein.,similarity:Belongs to the protein kinase superfamily, csMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily, similarity:Contains 1 protein kinase domain. Background The protein encoded by this gene belongs to the CDK subfamily of the Ser/Thr protein kinase family. The CDK subfamily milar to the gene products of S. cerevisiae cdc28, and S. pombe cdc2, and are known to be essential for cell cycle progression. This kinase has been shown to play a role in cellular proliferation and its function is limited to cell cycle G2-M playe and in the pence in tendent of this gene.	Reactivity	Human;Mouse;Rat
Protein Name Cyclin-dependent kinase 10	Applications	WB
Immunogen The antiserum was produced against synthesized peptide derived from human CDK10. AA range:51-100 Specificity Cdk10 Monoclonal Antibody detects endogenous levels of Cdk10 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-1:2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms CDK10; Cyclin-dependent kinase 10; Cell division protein kinase 10; Serine/threonine-protein kinase PISSLRE Observed Band 43kD Cell Pathway Cytoplasm, cytoskeleton, cilium basal body . Tissue Specificity Brain, Colon, Kidney, Lung, Function catalytic activity:ATP + a protein = ADP + a phosphoprotein, similarity:Belongs to the protein kinase superfamily. contains 1 protein kinase family. CDC2/CDKX subfamily, similarity:Contains 1 protein kinase family. CDC2/CDKX subfamily, similarity:Contains 1 protein kinase damily. The CDK subfamily members are highly similar to the gene products of S. cerevisiae cdc28, and S. pombe cdc2, and are known to be essential for cell cycle progression. This kinase has been shown to play a role in cellular proliferation and its function is limited	Gene Name	CDK10
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Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-1:2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms CDK10; Cyclin-dependent kinase 10; Cell division protein kinase 10; Serine/threonine-protein kinase PISSLRE Observed Band 43kD Cell Pathway Cytoplasm, cytoskeleton, cilium basal body . Tissue Specificity Brain, Colon, Kidney, Lung, Function Catalytic activity: ATP + a protein = ADP + a phosphoprotein, similarity: Belongs to the protein kinase superfamily, similarity: Belongs to the protein kinase superfamily, CMGC Ser/Thr protein kinase family, CDC2/CDKX subfamily of the Ser/Thr protein kinase family, CDC2/cDKX subfamily in encoded by this gene belongs to the CDK subfamily of the Ser/Thr protein kinase family. The CDK subfamily members are highly similar to the gene products of S. cerevisiae cdc28, and S. pombe cdc2, and are known to be essential for cell cycle progression. This kinase has been shown to play a role in cellular proliferation and its function is limited to cell cycle G2-M phase. Multiple transcript variants encoding different isoforms have been found for this gene.	Immunogen	
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Serine/threonine-protein kinase PISSLRE Observed Band 43kD Cell Pathway Cytoplasm, cytoskeleton, cilium basal body. Tissue Specificity Brain,Colon,Kidney,Lung, Function catalytic activity:ATP + a protein = ADP + a phosphoprotein.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. CDC2/CDKX subfamily.,similarity:Contains 1 protein kinase domain., Background The protein encoded by this gene belongs to the CDK subfamily of the Ser/Thr protein kinase family. The CDK subfamily members are highly similar to the gene products of S. cerevisiae cdc28, and S. pombe cdc2, and are known to be essential for cell cycle progression. This kinase has been shown to play a role in cellular proliferation and its function is limited to cell cycle G2-M phase. Multiple transcript variants encoding different isoforms have been found for this gene.	Storage Stability	-20°C/1 year
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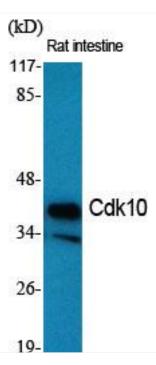
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.





Western Blot analysis of various cells using Cdk10 Monoclonal Antibody