



POLDIP3 Polyclonal Antibody

Catalog No	YP-Ab-01945
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	POLDIP3
Immunogen	The antiserum was produced against synthesized peptide derived from human POLDIP3. AA range:348-397
Specificity	POLDIP3 Polyclonal Antibody detects endogenous levels of POLDIP3 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: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	POLDIP3;KIAA1649;p46;PDIP3;PDIP46;Polymerase delta-interacting protein 3; 46 kDa DNA polymerase delta interaction protein;S6K1 Aly/REF-like target; SKAR
Observed Band	46kD
Calculated Molecular Weight	46kD
Cell Pathway	Nucleus. Nucleus speckle. Cytoplasm. Nucleocytoplasmic shuttling protein.
Tissue Specificity	Brain,Epithelium,Ovarian carcinoma,Placenta,Skin,Testis,
Function	PTM:Phosphorylated upon DNA damage, probably by ATM or ATR., similarity:Contains 1 RRM (RNA recognition motif) domain.,subunit:Interacts with POLD2.,
Background	This gene encodes an RRM (RNA recognition motif)-containing protein that participates in the regulation of translation by recruiting ribosomal protein S6 kinase beta-1 to mRNAs. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013],



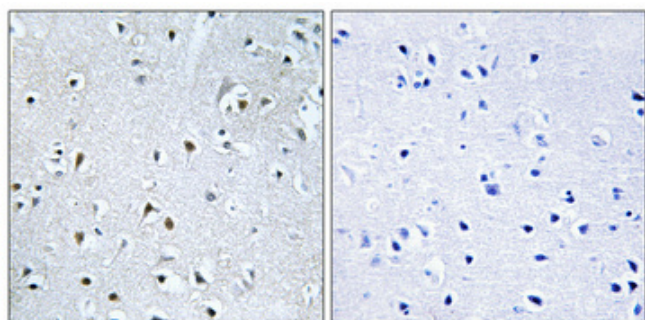
matters needing attention

Avoid repeated freezing and thawing!

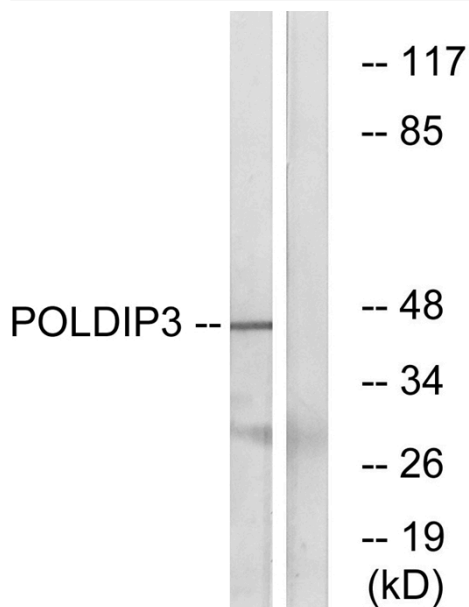
Usage suggestions

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

Products Images



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



Western blot analysis of lysates from RAW264.7 cells, using POLDIP3 Antibody. The lane on the right is blocked with the synthesized peptide.