



## POLDIP3 Polyclonal Antibody

Catalog No         BYab-01945           Isotype         IgG           Reactivity         Human;Rat;Mouse;           Applications         WB;HC;IF;ELISA           Gene Name         POLDIP3           Protein Name         Polymerase delta-interacting protein 3           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; PDIP46; Polymerase delta-interacting protein 3; 46 kDa DNA polymerase delta interaction protein; p46; S6K1 Aly/REF-like target; SKAR           Observed Band         46kD           Cell Pathway         Nucleus. Nucleus speckle. Cytoplasm. Nucleocytoplasmic shuttling protein.           Tissue Specificity         Brain,Epithelium,Ovar		
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Protein Name Polymerase delta-interacting protein 3  Immunogen The antiserum was produced against synthesized peptide derived from human Pol_DIP3. AA range:348-397  Specificity Pol_DIP3 Polyclonal Antibody detects endogenous levels of Pol_DIP3 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 Pol_DIP3; KIAA1649; PDIP46; Polymerase delta-interacting protein 3; 46 kDa DNA polymerase delta interaction protein; p46; S6K1 Aly/REF-like target; SKAR  Observed Band 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 kinsee beta-1 to mRNAs. Alternative splicing results in multiple transcript variants.	Reactivity	Human;Rat;Mouse;
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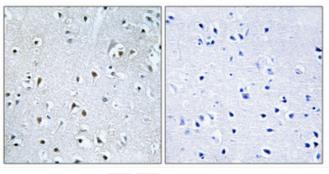
matters needing attention

Avoid repeated freezing and thawing!

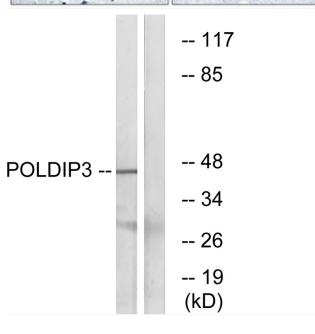
**Usage suggestions** 

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

## **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. Negetive contrl (right) obtaned 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.

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