



# DPOA2 Polyclonal Antibody

<b>Catalog No</b>	BYab-05519
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	POLA2
<b>Protein Name</b>	DNA polymerase alpha subunit B (DNA polymerase alpha 70 kDa subunit)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	DPOA2 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	65kD
<b>Cell Pathway</b>	Nucleus.
<b>Tissue Specificity</b>	Cervix epithelium,Epithelium,Lung,
<b>Function</b>	domain:The N-terminal 240 amino acids are sufficient to mediate complex formation.,function:May play an essential role at the early stage of chromosomal DNA replication by coupling the polymerase alpha/primase complex to the cellular replication machinery.,PTM:Phosphorylated in a cell cycle-dependent manner, in G2/M phase.,similarity:Belongs to the DNA polymerase alpha subunit B family.,subunit:DNA polymerase alpha:primase is a four subunit enzyme complex, which is assembled throughout the cell cycle, and consists of the two DNA polymerase subunits A and B, and the DNA primase large and small subunits. Subunit B binds to subunit A.,
<b>Background</b>	domain:The N-terminal 240 amino acids are sufficient to mediate complex formation.,function:May play an essential role at the early stage of chromosomal

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DNA replication by coupling the polymerase alpha/primase complex to the cellular replication machinery.,PTM:Phosphorylated in a cell cycle-dependent manner, in G2/M phase.,similarity:Belongs to the DNA polymerase alpha subunit B family.,subunit:DNA polymerase alpha;primase is a four subunit enzyme complex, which is assembled throughout the cell cycle, and consists of the two DNA polymerase subunits A and B, and the DNA primase large and small subunits. Subunit B binds to subunit A.,

**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**