



## Rabbit Anti-SKAR antibody

SL7922R

<b>Product Name:</b>	SKAR
<b>Chinese Name:</b>	DNA聚合酶 $\delta$ 相互作用蛋白3抗体
<b>Alias:</b>	46 kDa DNA polymerase delta interaction protein; DNA polymerase delta interacting protein 3; p46; PDIP3_HUMAN; PDIP46; POLDIP3; Polymerase (DNA-directed), delta interacting protein 3; Polymerase delta interacting protein 46; Polymerase delta-interacting protein 3; RNA-binding protein P46; S6K1 Aly/REF-like target; SKAR.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Cow,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	46kDa
<b>Cellular localization:</b>	The nucleuscytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human SKAR:366-421/421
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	This gene encodes a protein that interacts with the DNA polymerase delta p50 subunit. This protein is a specific target of S6 kinase 1 and regulates cell growth. Two transcript variants that encode different protein isoforms have been identified. [provided by RefSeq, Jul 2008].

**Function:**

Is involved in regulation of translation. Is preferentially associated with CBC-bound spliced mRNA-protein complexes during the pioneer round of mRNA translation. Contributes to enhanced translational efficiency of spliced over nonspliced mRNAs. Recruits activated ribosomal protein S6 kinase beta-1 I/RPS6KB1 to newly synthesized mRNA.

**Subunit:**

Interacts with POLD2. Interacts with NCBP1 and EIF4A3. Associates with the multiprotein exon junction complex (EJC). Interacts with RPS6KB1 (activated). Interacts with ERH.

**Subcellular Location:**

Nucleus. Nucleus speckle. Cytoplasm. Note=Nucleocytoplasmic shuttling protein.

**Post-translational modifications:**

Phosphorylated upon DNA damage, probably by ATM or ATR. Phosphorylated at Ser-383 and Ser-385 by RPS6KB1.

**Similarity:**

Contains 1 RRM (RNA recognition motif) domain.

**SWISS:**

Q9BY77

**Gene ID:**

84271

**Database links:**

UniProtKB/Swiss-Prot: Q9BY77.2

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.