



## Rabbit Anti-PATL1 antibody

SL19897R

<b>Product Name:</b>	PATL1
<b>Chinese Name:</b>	PATL1蛋白抗体
<b>Alias:</b>	hPat1b; OK/KNS-cl.5; PAT1-like protein 1; Pat1b; PATL1; PATL1_HUMAN; protein associated with topoisomerase II homolog 1; Protein PAT1 homolog 1; Protein PAT1 homolog b.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Cow,Horse,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=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>	87kDa
<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 PATL1:351-450/770
<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>	RNA-binding protein involved in deadenylation-dependent decapping of mRNAs, leading to the degradation of mRNAs. Acts as a scaffold protein that connects deadenylation and decapping machinery. Required for cytoplasmic mRNA processing body (P-body) assembly. In case of infection, required for translation and replication of hepatitis C virus (HCV).

**Subunit:**

Interacts (via region A) with DDX6/RCK. Interacts (via region H and region C) with LSM1 and LSM4. Interacts (via region N) with DCP1A, DCP2, EDC3, EDC4 and XRN1. Interacts with the CCR4-NOT complex. Interacts with the Lsm-containing SMN-Sm protein complex.

**Subcellular Location:**

Cytoplasm > P-body.

**Tissue Specificity:**

Ubiquitous.

**Similarity:**

Belongs to the PAT1 family.

**SWISS:**

Q86TB9

**Gene ID:**

219988

**Database links:**

[Entrez Gene: 219988](#) Human

[Entrez Gene: 225929](#) Mouse

[SwissProt: Q86TB9](#) Human

[SwissProt: Q3TC46](#) Mouse

[Unigene: 591960](#) Human

[Unigene: 42711](#) Mouse

**Important Note:**

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