



## Rabbit Anti-APLP2 antibody

SL8462R

<b>Product Name:</b>	APLP2
<b>Chinese Name:</b>	淀粉样蛋白β前体样蛋白2抗体
<b>Alias:</b>	amyloid beta (A4) precursor like protein 2; Amyloid like protein 2; amyloid precursor protein homolog HSD2; Amyloid protein homolog; Amyloid-like protein 2; APLP-2; Aplp2; APLP2_HUMAN; APPH; APPL2; CDEBP; CDEI box binding protein; CDEI box-binding protein.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Pig,Horse,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (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>	80kDa
<b>Cellular localization:</b>	The nucleusThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human APLP2:501-600/763<Extracellular>
<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>	APLP2 is a human sperm membrane protein which contains a segment with high homology to the transmembrane-cytoplasmic domains of APP found in brain plaques of Alzheimer disease patients. The human amyloid precursor-like protein APLP2 is a

highly conserved homolog of a sequence-specific DNA-binding mouse protein with an important function in the cell cycle. The gene which encodes APLP2 maps to human chromosome 11q24.

May play a role in the regulation of hemostasis. The soluble form may have inhibitory properties towards coagulation factors. May interact with cellular G-protein signaling pathways. May bind to the DNA 5'-GTCACATG-3'(CDEI box). Inhibits trypsin, chymotrypsin, plasmin, factor XIA and plasma and glandular kallikrein.

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**Subunit:**

Interacts with CPEB1.

**Subcellular Location:**

Cell membrane. Nucleus.

**Tissue Specificity:**

Expressed in placenta, brain, heart, lung, liver, kidney and endothelial tissues.

**Post-translational modifications:**

The BPTI/Kunitz inhibitor domain is O-glycosylated.

**Similarity:**

Belongs to the APP family.

Contains 1 BPTI/Kunitz inhibitor domain.

**SWISS:**

Q06481

**Gene ID:**

334

**Database links:**

[Entrez Gene: 334](#) Human

[Entrez Gene: 11804](#) Mouse

[Entrez Gene: 64312](#) Rat

[Omim: 104776](#) Human

[SwissProt: Q06481](#) Human

[SwissProt: Q06335](#) Mouse

[SwissProt: P15943](#) Rat

[Unigene: 370247](#) Human

[Unigene: 19133](#) Mouse

[Unigene: 129285](#) Rat

[Unigene: 1423](#) Rat

**Important Note:**

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

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