



## Rabbit Anti-ANKS1A antibody

SL7966R

<b>Product Name:</b>	ANKS1A
<b>Chinese Name:</b>	锚蛋白重复及SAM结构域蛋白1A抗体
<b>Alias:</b>	ANKS 1; ANKS 1A; ANKS1; ANKS1A; Ankyrin repeat and SAM domain containing 1; Ankyrin repeat and SAM domain containing protein 1A; Ankyrin repeat and SAM domain-containing protein 1A; Ankyrin repeat and sterile alpha motif domain containing 1A; ANS1A_HUMAN; KIAA0229; MGC42354; Odin.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Horse,Rabbit,
<b>Applications:</b>	ELISA=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>	123kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human ANKS1A:944-1030/1134
<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>	May play a negative role in growth factor receptor signaling pathways. <b>Function:</b> Regulator of different signaling pathways. Regulates EPHA8 receptor tyrosine kinase

signaling to control cell migration and neurite retraction.

**Subunit:**

Interacts with EPHA8; EPHA8 kinase activity-independent but stimulated by EPHA8 ubiquitination.

**Subcellular Location:**

Cytoplasm. Cell projection. Note=Cytoplasmic before and after growth factor treatment.

**Tissue Specificity:**

Widely expressed (at protein level).

**Post-translational modifications:**

Phosphorylated on tyrosine residues in response to EGF and PDGF.

**Similarity:**

Contains 6 ANK repeats.

Contains 1 PID domain.

Contains 2 SAM (sterile alpha motif) domains.

**SWISS:**

Q92625

**Gene ID:**

23294

**Database links:**

[Entrez Gene: 23294](#)Human

[Entrez Gene: 224650](#)Mouse

[Entrez Gene: 309639](#)Rat

[Omid: 608994](#)Human

[SwissProt: Q92625](#)Human

[SwissProt: P59672](#)Mouse

[Unigene: 656492](#)Human

[Unigene: 32556](#)Mouse

**Important Note:**

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

