



## Rabbit Anti-SIPA1 antibody

SL6399R

<b>Product Name:</b>	SIPA1
<b>Chinese Name:</b>	信号诱导增殖相关蛋白1抗体
<b>Alias:</b>	GTPase activating protein Spa 1; GTPase-activating protein Spa-1; p130 SPA-1; p130 SPA1; Signal induced proliferation associated 1; Signal induced proliferation associated gene 1; Signal induced proliferation associated protein 1; signal-induced proliferation-associated gene 1; Signal-induced proliferation-associated protein 1; SIPA 1; Sipa-1; Sipa1; SIPA1 HUMAN; Spa1.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,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>	112kDa
<b>Cellular localization:</b>	The nucleuscytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human SIPA1:351-450/1042
<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>	GTPase activator for the nuclear Ras-related regulatory proteins Rap1 and Rap2 in vitro, converting it to the putatively inactive GDP-bound state. Tissue specificity: Expressed in fetal as well as in adult tissues. Expressed abundantly in the lymphoid

tissues such as thymus, spleen and peripheral blood lymphocytes and also shows a significant expression in the spinal cord.

**Function:**

GTPase activator for the nuclear Ras-related regulatory proteins Rap1 and Rap2 in vitro, converting it to the putatively inactive GDP-bound state.

**Subcellular Location:**

Nucleus. Cytoplasm, perinuclear region. Endomembrane system; Peripheral membrane protein.

**Tissue Specificity:**

Expressed in fetal as well as in adult tissues. Expressed abundantly in the lymphoid tissues such as thymus, spleen and peripheral blood lymphocytes and also shows a significant expression in the spinal cord.

**Similarity:**

Contains 1 PDZ (DHR) domain.

Contains 1 Rap-GAP domain.

**SWISS:**

Q96FS4

**Gene ID:**

6494

**Database links:**

[Entrez Gene: 6494](#)Human

[Entrez Gene: 20469](#)Mouse

[Omir: 602180](#)Human

[SwissProt: Q96FS4](#)Human

[SwissProt: P46062](#)Mouse

[Unigene: 530477](#)Human

[Unigene: 3072](#)Mouse

**Important Note:**

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