



## Rabbit Anti-SIRPB2 antibody

SL17499R

<b>Product Name:</b>	SIRPB2
<b>Chinese Name:</b>	信号调节蛋白β2/SIRP-β2抗体
<b>Alias:</b>	BIG 3; dJ776F14.2; Protein tyrosine phosphatase non-receptor type substrate 1-like 3; Protein tyrosine phosphatase non-receptor type substrate protein; PTPNS1L3; RP4-776F14.1; Signal-regulatory protein beta-2; SIRB2 HUMAN; SIRP-beta-2; SIRPB2.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<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>	34kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human SIRPB2:31-130/342<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>	SIRPs are a family of transmembrane glycoproteins that were identified by their association with the Src homology 2 domain-containing protein-tyrosine phosphatase SHP-2 in response to insulin. The SIRP family negatively regulates the PI 3-kinase pathway, which may diminish EGFR-mediated motility and survival phenotypes that

contribute to transformation of certain cell types. SIRP-alpha 1 is a transmembrane protein which acts as a substrate for activated receptor tyrosine kinases and, in its tyrosine phosphorylated form, binds to SH-PTP2 through SH2 interactions and acts as an SH-PTP2 substrate. SIRP-alpha 1 has been shown to have negative regulatory effects on cellular responses induced by growth factors, oncogenes and Insulin. SIRP-beta 1 shares extensive sequence homology with SIRP-alpha 1 in its extracellular portion but lacks the cytoplasmic portion. SIRP-beta 2 is a 342 amino acid multi-pass membrane protein that contains two Ig-like V-type (immunoglobulin-like) domains and exists as multiple alternatively spliced isoforms.

**Subcellular Location:**

Membrane.

**Similarity:**

Contains 2 Ig-like V-type (immunoglobulin-like) domains.

**SWISS:**

Q5JXA9

**Gene ID:**

284759

**Database links:**

[Entrez Gene: 284759](#) Human

[SwissProt: Q5JXA9](#) Human

[Unigene: 721685](#) Human

**Important Note:**

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