

# SIRPB2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56718

## Product Information

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<b>Application</b>	IHC-P, IHC-F, IF, ICC
<b>Primary Accession</b>	<a href="#">Q5JXA9</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	36968
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human SIRPB2
<b>Epitope Specificity</b>	31-130/342
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Membrane.
<b>SIMILARITY</b>	Contains 2 Ig-like V-type (immunoglobulin-like) domains.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</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.

## Additional Information

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<b>Gene ID</b>	284759
<b>Other Names</b>	Signal-regulatory protein beta-2, SIRP-beta-2, Protein tyrosine phosphatase non-receptor type substrate 1-like 3, Protein tyrosine phosphatase non-receptor type substrate protein, SIRPB2, PTPN1L, PTPNS1L3
<b>Dilution</b>	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500

<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

## Protein Information

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<b>Name</b>	SIRPB2
<b>Synonyms</b>	PTPN1L, PTPNS1L3
<b>Cellular Location</b>	Membrane; Single-pass type I membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.