

Rabbit SIRPA Polyclonal Antibody | anti-SIRPA antibody

SIRPA Polyclonal Conjugated Antibody

CATALOG # AAA312748	HOST Rabbit	REACTIVITY Human, Mouse, Rat
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PRODUCT SYNONYMS

SIRPA; Polyclonal Antibody; SIRPA Polyclonal Conjugated Antibody; SIRPA Conjugated Antibody; BIT; CD172A; MFR; MYD-1; P84; PTPNS1; SHPS1; SIRP; signal regulatory protein alpha; anti-SIRPA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Immunogen	Recombinant fusion protein of human SIRPA (NP_542970.1).
Conjugation	AF405
Excitation Emission	AF405: 401nm/421nm
Preparation and Storage	Store at 4°C for 6 months.

ADDITIONAL INFORMATION

Related Product Information for anti-SIRPA antibody	The protein encoded by this gene is a member of the signal-regulatory-protein (SIRP) family, and also belongs to the immunoglobulin superfamily. SIRP family members are receptor-type transmembrane glycoproteins known to be involved in the negative regulation of receptor tyrosine kinase-coupled signaling processes. This protein can be phosphorylated by tyrosine kinases. The phospho-tyrosine residues of this PTP have been shown to recruit SH2 domain containing tyrosine phosphatases (PTP), and serve as substrates of PTPs. This protein was found to participate in signal transduction mediated by various growth factor receptors. CD47 has been demonstrated to be a ligand for this receptor protein. This gene and its product share very high similarity with several other members of the SIRP family. These related genes are located in close proximity to each other on chromosome 20p13. Multiple alternatively spliced transcript variants have been determined for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18426911
NCBI GeneID	140885
NCBI Accession #	NP_542970.1
NCBI GenBank Nucleotide #	NM_080792.2
UniProt Accession #	P78324 ; O00683 ; O43799 ; Q8N517 ; Q8TAL8 ; Q9H0Z2 ; Q9UDX2 ; Q9UIJ6 ; Q9Y4U9 ; A2A2E1 ; A8K411
Molecular Weight	65kDa
NCBI Official Full Name	tyrosine-protein phosphatase non-receptor type substrate 1

NCBI Official Synonym Full Names	signal-regulatory protein alpha
NCBI Official Symbol	SIRPA
NCBI Official Synonym Symbols	BIT; MFR; P84; SIRP; MYD-1; SHPS1; CD172A; PTPNS1
NCBI Protein Information	tyrosine-protein phosphatase non-receptor type substrate 1; myd-1 antigen; OTTHUMP00000030001; OTTHUMP00000159968; OTTHUMP00000159969; inhibitory receptor SHPS-1; macrophage fusion receptor; CD172 antigen-like family member A; tyrosine phosphatase SHP sub
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type substrate 1
UniProt Gene Name	SIRPA
UniProt Synonym Gene Names	BIT; MFR; MYD1; PTPNS1; SHPS1; SIRP; SHP substrate 1; SHPS-1; Bit; Sirp-alpha-1; Sirp-alpha-2
UniProt Entry Name	SHPS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sirpa-antibody-elisa/312748>