

Rabbit SIRP alpha Polyclonal Antibody | anti-SIRPA antibody

SIRP alpha Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39350	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Western Blot, ELISA

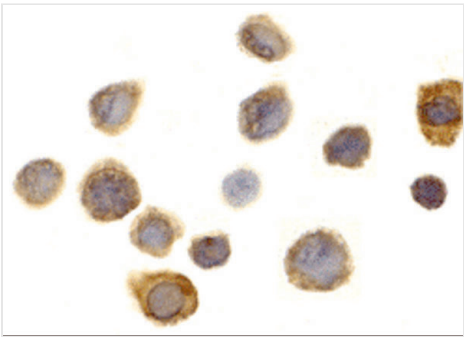
PRODUCT SYNONYMS

SIRP alpha; Polyclonal Antibody; SIRP alpha Antibody; BIT; MFR; P84; SIRP; MYD-1; SHPS1; CD172A; PTPNS1; MYD1; Tyrosine-protein phosphatase non-receptor type substrate 1; Brain Ig-like molecule with tyrosine-based activation motifs; SHP substrate 1; signal-regulatory protein alpha; anti-SIRPA antibody

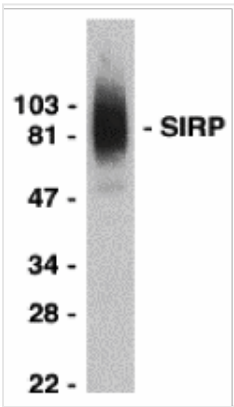
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Recognizes SIRP alpha 1, 2 and 3.
Purity/Purification	SIRP alpha Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	504
Applicable Applications for anti-SIRPA antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SIRP alpha antibody was raised against a peptide corresponding to 17 amino acids near the carboxy terminus of human SIRP alpha 1.
Buffer	SIRP alpha Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SIRP alpha antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



ICC (Immunocytochemistry)
Immunocytochemistry of SIRP alpha in THP-1 cells with SIRP alpha antibody at 1 μg/mL.



WB (Western Blot)
Western blot analysis of SIRP alpha in THP-1 whole cell lysate with SIRP alpha antibody at 0.5 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SIRPA antibody

SIRP alpha Antibody: Protein tyrosine phosphatases (PTPases) SHP-1 and SHP-2 are critical regulators in the intracellular signaling pathways that result in cell responses such as mitosis, differentiation, migration, survival, transformation or death. SHP-2 is a signal transducer for several receptor tyrosine kinases and cytokine receptors. A novel SHP-2 associated glycoprotein was recently cloned from human, rat, mouse and cattle by several labs and was designated SIRPalph, SHPS-1, MyD-1, BIT and p84. SIRPalph is a new gene family containing at least fifteen members. SIRPalph is a substrate of many activated tyrosine kinases such as insulin receptor, EGFR, PDGFR and src, and a specific docking protein for SHP-2. SIRPalph has regulatory effects on cellular responses induced by serum, growth factors, insulin, oncogenes, growth hormones and cell adhesion and plays a general role in different physiological and pathological processes.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18426911
NCBI GeneID	140885
NCBI Accession #	NP_542970
NCBI GenBank Nucleotide #	NM_080792.2
UniProt Accession #	P78324; O00683; O43799; Q8N517; Q8TAL8; Q9H0Z2; Q9UDX2; Q9UIJ6; Q9Y4U9; A2A2E1; A8K411; B2R6C3
Molecular Weight	75 - 110 kDa
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; inhibitory receptor SHPS-1; macrophage fusion receptor; CD172 antigen-like family member A; tyrosine phosphatase SHP substrate 1; brain-immunoglobulin-like molecule with tyrosine-based activation motifs
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; Sirp-alpha-3
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://stage.aaabiotech.com/polyclonal/sirp-alpha-antibody-immunocytochemistry-western-blot-elisa/39350>