

Rabbit SIRP alpha Polyclonal Antibody | anti-SIRP alpha antibody

SIRP alpha Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306815	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Western Blot, ELISA

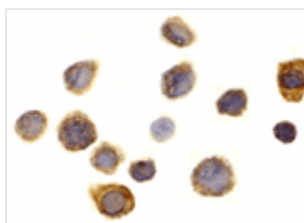
PRODUCT SYNONYMS

SIRP alpha; Polyclonal Antibody; SIRP alpha Antibody; SHPS-1; SIRPa; anti-SIRP alpha antibody

PRODUCT SPECIFICATIONS

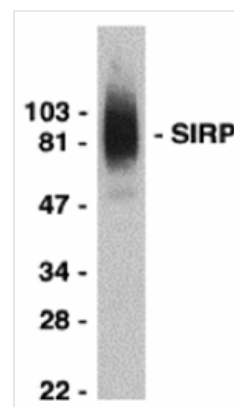
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes SIRP alpha 1, 2 and 3.
Purity/Purification	DEAE purified
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	504
Applicable Applications for anti-SIRP alpha antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids near the carboxy terminus of human SIRP alpha 1. The sequences of the immunogenic peptide differ from those of mouse, rat and bovine by one amino acid.
Target Name	SIRP alpha
Preparation and Storage	Can be stored at -20 degree C, stable for 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 ug/mL.



WB (Western Blot)

Western blot analysis of SIRP alpha in THP-1 whole cell lysate with SIRP alpha antibody at 1:2000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-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.
Product Categories/Family for anti-SIRP alpha antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	18426911
NCBI GeneID	140885
NCBI Accession #	NP_542970
NCBI GenBank Nucleotide #	NM_080792.2
Molecular Weight	54,852 Da
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
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/306815>