

Rabbit anti-Human, Mouse Signal Regulatory Protein Alpha Polyclonal Antibody | anti-SIRPa antibody

Signal Regulatory Protein Alpha (SIRPa) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144750	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Signal Regulatory Protein Alpha; Polyclonal Antibody; Signal Regulatory Protein Alpha (SIRPa) Polyclonal Antibody; CD172a; SIRP-A; P84; BIT; MFR; MYD1; PTPNS1; SHPS1; SIRP; Tyrosine-Protein Phosphatase Non-Receptor Type Substrate 1; Macrophage fusion receptor; anti-SIRPa antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against SIRPa. It has been selected for its ability to recognize SIRPa in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN3, 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	503
Applicable Applications for anti-SIRPa antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human, Mouse
Organism Species	Mouse
Fragment	SIRPa (Thr56~Arg296)
Quality Control	Content: The quality control contains recombinant SIRPa (Thr56~Arg296) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescence (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN3 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin- embedded Kidney tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Human HepG2 cell lysate; Primary Ab: 5ug/ml Rabbit Anti-Mouse SIRPa Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	294997317
NCBI GeneID	19261
NCBI Accession #	NP_001171118.1
NCBI GenBank Nucleotide #	NM_001177647.2
UniProt Accession #	P97797; O08907; O35924; O88555; O88556; P97796; Q8R559; Q9QX57; Q9WTN4
Molecular Weight	32,145 Da
NCBI Official Full Name	tyrosine-protein phosphatase non-receptor type substrate 1 isoform 2
NCBI Official Synonym Full Names	signal-regulatory protein alpha
NCBI Official Symbol	Sirpa
NCBI Official Synonym Symbols	Bit; P84; SIRP; SHP-1; CD172a; Ptpns1; SHPS-1; AI835480
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; Myd1; Ptpns1; Shps1; Sirp; SHP substrate 1; SHPS-1; Bit; Sirp-alpha-1; mSIRP-alpha1

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.