

## SIRP- $\alpha$ 1/ $\beta$ 1 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
<b>Applications</b>	WB, IHC, ELISA	1 mg/ml	54967/43359
<b>Reactivity</b>	Human		
<b>Dilution</b>	WB: 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:10000. Not yet tested in other applications.		
<b>Storage</b>	-20°C/1 year		
<b>Specificity</b>	SIRP- $\alpha$ 1/ $\beta$ 1 Polyclonal Antibody detects endogenous levels of SIRP- $\alpha$ 1/ $\beta$ 1 protein.		
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human SIRPA/SIRPB1. AA range:281-330		
<b>Uniprot No</b>	P78324/Q5TFQ8		
<b>Alternative names</b>	SIRPA; BIT; MFR; MYD1; PTPNS1; SHPS1; SIRP; Tyrosine-protein phosphatase non-receptor type substrate 1; SHP substrate 1; SHPS-1; Brain Ig-like molecule with tyrosine-based activation motifs; Bit; CD172 antigen-like family member A; Inhibitory receptor SHPS-1; Macrophage fusion receptor; MyD-1 antigen; Signal-regulatory protein alpha-1; Sirp-alpha-1; Signal-regulatory protein alpha-2; Sirp-alpha-2; Signal-regulatory protein alpha-3; Sirp-alpha-3; p84; CD172a; SIRPB1; Signal-regulatory protein beta-1 isoform 3; SIRP-beta-1 isoform 3		
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
<b>Clonality</b>	Polyclonal		
<b>Isotype</b>	IgG		
<b>Conjugation</b>			
<b>Background</b>	<p>signal regulatory protein alpha(SIRPA) Homo sapiens 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.</p> <p>Multiple alternative splicing events give rise to several isoforms of this protein.</p>		
<b>Other</b>	SIRPA/SIRPB1, Tyrosine-protein phosphatase non-receptor type substrate 1/Signal-regulatory protein beta-1 isoform 3		

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**Product Images:****Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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*For life science research only. Not for use in diagnostic procedures.*

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