

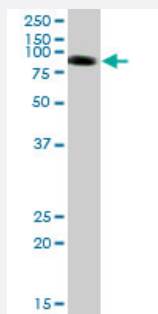
MaxPab®

# SIRPA purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00140885-B01P

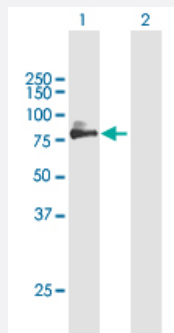
Size 50 ug

## Applications



### Western Blot (Tissue lysate)

PTPNS1 MaxPab polyclonal antibody. Western Blot analysis of PTPNS1 expression in human liver.



### Western Blot (Transfected lysate)

Western Blot analysis of SIRPA expression in transfected 293T cell line ([H00140885-T01](#)) by SIRPA MaxPab polyclonal antibody.

Lane 1: SIRPA transfected lysate(55.88 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human SIRPA protein.

### Immunogen

SIRPA (AAH33092.1, 1 a.a. ~ 508 a.a) full-length human protein.

### Sequence

MEPAGPAPGRLGPLLCLLLAASCAWSGVAGEEELQVIQPDKSVLVAAGETATLRCTATSLIPVGP  
IQWFRGAGPGRELYNQKEGHFPRVTTVSDLTKRNNMDFSIRIGNITPADAGTYCVKFRKGSPDD  
VEFKSGAGTELSVRAKPSAPVVSGPAARATPQHTVSFTCESHGFSPRDLTKWFKNGNELSDFQ  
TNVDPVGESVSYSIHSTAKVVLTRDVDHSQVICEVAHVTLQGDPRLGTANLSETIRVPPTLEVTTQ  
PVRAENQVNVTCQVRKFYPQRLQLTWLENGNVSRTEASTVTENKDGTYNWMWLLVNVSAHR  
DDVKLTQCVEHDGQPAVSKSHDLKVSAPHPKEQGSNTAAENTGSNERNIYVGVVCTLLVALLMA  
ALYLVRIRQKKAQGSTSSTRLHEPEKNAREITQVQSLDNDITYADLNLPGKPKPAPQAAEPNNHT  
EYASIQTSPQPASEDTLTYADLDMVHLNRTPKQPAPKPEPSFSEYASVQVPRK

Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Tissue lysate)

PTPNS1 MaxPab polyclonal antibody. Western Blot analysis of PTPNS1 expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SIRPA expression in transfected 293T cell line ([H00140885-T01](#)) by SIRPA MaxPab polyclonal antibody.

Lane 1: SIRPA transfected lysate(55.88 KDa).

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[Protocol Download](#)

## Gene Info — SIRPA

Entrez GeneID	<a href="#">140885</a>
GeneBank Accession#	<a href="#">BC033092.1</a>
Protein Accession#	<a href="#">AAH33092.1</a>
Gene Name	SIRPA
Gene Alias	BIT, CD172A, MFR, MYD-1, P84, PTPNS1, SHPS-1, SHPS1, SIRP, SIRP-ALPHA-1, SIRPalpha, SIRPalpha2
Gene Description	signal-regulatory protein alpha
Omim ID	<a href="#">602461</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

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 phosphotyrosine 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. [provided by RefSeq]

**Other Designations**

OTTHUMP00000030001|SHP substrate-1|brain-immunoglobulin-like molecule with tyrosine-based activation motifs|macrophage fusion receptor|myd-1 antigen|protein tyrosine phosphatase, non-receptor type substrate 1|signal regulatory protein, alpha type 1|signal