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SIRPB1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19299C

Specification

SIRPB1 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	O00241
Other Accession	P78324, NP_001077379.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**43211**
Antigen Region	**107-134**

SIRPB1 Antibody (Center) - Additional Information

Gene ID 10326

Other Names
Signal-regulatory protein beta-1, SIRP-beta-1, CD172 antigen-like family member B, CD172b, SIRPB1

Target/Specificity
This SIRPB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 107-134 amino acids from the Central region of human SIRPB1.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SIRPB1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SIRPB1 Antibody (Center) - Protein Information

Name SIRPB1

Function Immunoglobulin-like cell surface receptor involved in the negative regulation of receptor

tyrosine kinase-coupled signaling processes. Participates also in the recruitment of tyrosine kinase SYK. Triggers activation of myeloid cells when associated with TYROBP (PubMed:10604985).

Cellular Location
Cell membrane; Single-pass type I membrane protein

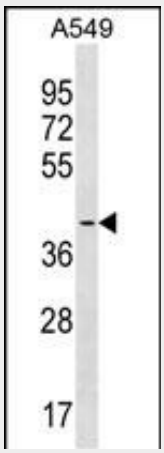
Tissue Location
Detected in monocytes and dendritic cells.

SIRPB1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SIRPB1 Antibody (Center) - Images



SIRPB1 Antibody (Center)(Cat. #AP19299c) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the SIRPB1 antibody detected the SIRPB1 protein (arrow).

SIRPB1 Antibody (Center) - Background

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 was found to interact with TYROBP/DAP12, a protein bearing immunoreceptor tyrosine-based activation motifs. This protein was also reported to participate in the recruitment of tyrosine kinase SYK. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].

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Martins-de-Souza, D., et al. Eur Arch Psychiatry Clin Neurosci 259(3):151-163(2009)
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Lamesch, P., et al. Genomics 89(3):307-315(2007)
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