

SIRPB2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP56718

Specification

SIRPB2 Polyclonal Antibody - Product Information

Application IHC-P, IHC-F, IF, ICC

Primary Accession

Host
Clonality
Calculated MW
Physical State

O5JXA9
Rabbit
Polyclonal
34 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from human SIRPB2

Epitope Specificity 31-130/342

Isotype Purity

affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Membrane.

SIMILARITY Contains 2 Ig-like V-type

(immunoglobulin-like) domains.

Important Note

This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

Background Descriptions

SIRPs are a family of transmembrane glycoproteins that were identified by their association with the Src homology 2 domain-containing protein-tyrosine phosphatase SHP-2 in response to insulin. The SIRP family negatively regulates the PI 3-kinase pathway, which may diminish EGFR-mediated motility and survival phenotypes that contribute to transformation of certain cell types. SIRP-alpha 1 is a transmembrane protein which acts as a substrate for activated receptor tyrosine kinases and, in its tyrosine phosphorylated form, binds to SH-PTP2 through SH2 interactions and acts as an SH-PTP2 substrate. SIRP-alpha 1 has been shown to have negative regulatory effects on cellular responses induced by growth factors, oncogenes and Insulin. SIRP-beta 1 shares extensive sequence homology with SIRP-alpha 1 in its extracellular portion but lacks the cytoplasmic portion. SIRP-beta 2 is a 342 amino acid multi-pass membrane protein that contains two Ig-like V-type (immunoglobulin-like) domains and exists as multiple alternatively spliced isoforms.

SIRPB2 Polyclonal Antibody - Additional Information

Gene ID 284759

Other Names

Signal-regulatory protein beta-2, SIRP-beta-2, Protein tyrosine phosphatase non-receptor type substrate 1-like 3, Protein tyrosine phosphatase non-receptor type substrate protein, SIRPB2, PTPN1L, PTPNS1L3



abcepta

Dilution

IHC-P~~N/A<br \><span class</pre>

="dilution_IHC-F">IHC-F~~N/A<br \><span class

="dilution_IF">IF \sim 1:50 \sim 200<br\>ICC \sim N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

SIRPB2 Polyclonal Antibody - Protein Information

Name SIRPB2

Synonyms PTPN1L, PTPNS1L3

Cellular Location

Membrane; Single-pass type I membrane protein

SIRPB2 Polyclonal Antibody - 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

SIRPB2 Polyclonal Antibody - Images