

For Research Use Only

SIRP beta 1/CD172b Polyclonal antibody

Catalog Number: 11811-1-AP

2 Publications



Basic Information

Catalog Number:

11811-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 240 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2478

GenBank Accession Number:

BC025286

GeneID (NCBI):

10326

UNIPROT ID:

O00241

Full Name:

signal-regulatory protein beta 1

Calculated MW:

43 kDa

Observed MW:

43 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

IHC

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : U-937 cells, A375 cells, PC-3 cells

Background Information

SIRP Beta 1 is a member of the signal-regulatory-protein (SIRP) family, and also belongs to the immunoglobulin superfamily. SIRP family members are cell surface signaling receptors differentially expressed in leukocytes and the central nervous system. SIRP Beta 1 interacts with TYROBP/DAP12, a protein bearing immunoreceptor tyrosine-based activation motifs. SIRP Beta 1 also participates in the recruitment of tyrosine kinase SYK.

Notable Publications

Author	Pubmed ID	Journal	Application
Visani Giuseppe G	22110671	PLoS One	IHC
Satoh Jun-Ichi J	21118401	Neuropathology	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

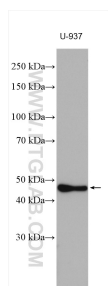
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



U-937 cells were subjected to SDS PAGE followed by western blot with 11811-1-AP (SIRP BETA 1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.