

For Research Use Only

# SH2D1A Polyclonal antibody

Catalog Number: 11868-1-AP

1 Publications



## Basic Information

Catalog Number:

11868-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2450

GenBank Accession Number:

BC020732

GeneID (NCBI):

4068

UNIPROT ID:

O60880

Full Name:

SH2 domain protein 1A

Calculated MW:

128 aa, 14 kDa

Observed MW:

16 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : mouse thymus tissue, Jurkat cells

## Background Information

SH2D1A, also named as DSHP and SAP, is an inhibitor of the SLAM self-association. It acts by blocking recruitment of the SH2-domain-containing signal-transduction molecule SHP-2 to a docking site in the SLAM cytoplasmic region. SH2D1A mediates interaction between FYN and SLAMF1. Defects in SH2D1A are a cause of lymphoproliferative syndrome X-linked type 1 (XLP1).

## Notable Publications

Author	Pubmed ID	Journal	Application
Ding Shu S	22549634	Arthritis Rheum	WB

## 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

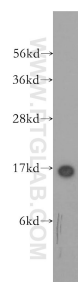
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## Selected Validation Data



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 11868-1-AP (SH2D1A antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.