

SH2D2A Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP53374

Specification

SH2D2A Antibody - Product Information

Application WB
Primary Accession O9NP31
Reactivity Human
Host Rabbit
Clonality Polyclonal
Calculated MW 43 KDa
Antigen Region 214-263

SH2D2A Antibody - Additional Information

Gene ID 9047

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SH2D2A. The exact sequence is proprietary.

Dilution

WB~~1:1000

Format

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol

Storage

Store at -20 °C. Stable for 12 months from date of receipt

SH2D2A Antibody - Protein Information

Name SH2D2A

Synonyms SCAP, TSAD, VRAP

Function

Could be a T-cell-specific adapter protein involved in the control of T-cell activation. May play a role in the CD4-p56-LCK- dependent signal transduction pathway. Could also play an important role in normal and pathological angiogenesis. Could be an adapter protein that facilitates and regulates interaction of KDR with effector proteins important to endothelial cell survival and proliferation.

Cellular Location

Cytoplasm.



Tissue Location

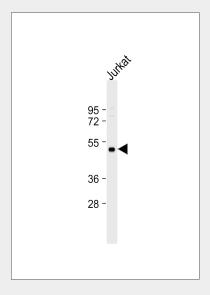
Expression limited to tissues of the immune system and, in particular, activated T-cells. Expressed in peripheral blood leukocytes, thymus and spleen. Much lower expression or undetectable, in brain, placenta, skeletal muscle, prostate, testis, ovary, small intestine, and colon. Expressed at low levels in unstimulated T-cells, but not expressed in normal resting or activated B-cells. According to PubMed:10692392, expression is not restricted to activated T-cells, but strongly expressed in blood cell lineages, the endothelium and other cell and tissue types, such as heart, lung, and liver

SH2D2A 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

SH2D2A Antibody - Images

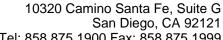


Anti-SH2D2A Antibody at 1:1000 dilution + Jurkat whole cell lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L),Peroxidase conjugated at 1/10000 dilution. Predicted band size : 43 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

SH2D2A Antibody - Background

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SH2D2A Antibody - References





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Spurkland A., et al.J. Biol. Chem. 273:4539-4546(1998). Dai K.Z., et al. Immunogenetics 51:179-185(2000). Wu L.-W., et al.J. Biol. Chem. 275:6059-6062(2000). Lee J.-S., et al. Submitted (FEB-1998) to the EMBL/GenBank/DDBJ databases. Suzuki Y., et al. Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.