

SH2D2A Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5330c**Specification**

SH2D2A Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9NP31
Other Accession	NP_003966.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	42934
Antigen Region	86-112

SH2D2A Antibody (Center) - Additional Information**Gene ID** 9047**Other Names**

SH2 domain-containing protein 2A, SH2 domain-containing adapter protein, T cell-specific adapter protein, TSAd, VEGF receptor-associated protein, SH2D2A, SCAP, TSAD, VRAP

Target/Specificity

This SH2D2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 86-112 amino acids from the Central region of human SH2D2A.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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

SH2D2A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SH2D2A Antibody (Center) - 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.

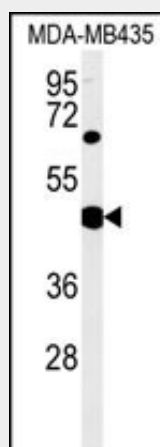
Tissue Location

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 (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 Cytometry](#)
- [Cell Culture](#)

SH2D2A Antibody (Center) - Images

SH2D2A Antibody (Center) (Cat. #AP5330c) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the SH2D2A antibody detected the SH2D2A protein (arrow).

SH2D2A Antibody (Center) - Background

This protein encodes an adaptor protein thought to function in T-cell signal transduction. A related protein in mouse is responsible for the activation of lymphocyte-specific protein-tyrosine kinase and functions in downstream signaling. Alternative splicing results in multiple transcript variants.

SH2D2A Antibody (Center) - References

Trynka, G., et al. Gut 58(8):1078-1083(2009)

Granum, S., et al. J. Biol. Chem. 283(32):21909-21919(2008)

Lorentzen, A.R., et al. J. Neuroimmunol. 197(2):152-158(2008)