

Rabbit anti-Human SH2D2A Polyclonal Antibody | anti-SH2D2A antibody

SH2D2A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325145	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

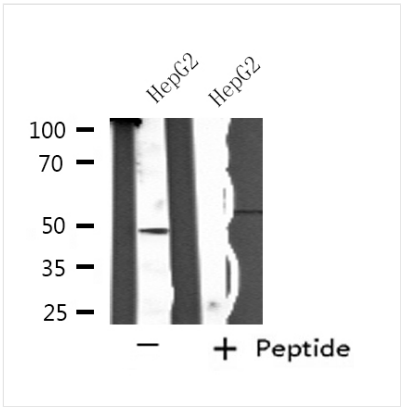
PRODUCT SYNONYMS

SH2D2A; Polyclonal Antibody; SH2D2A Antibody; F2771; SCAP; SH2 domain containing adapter protein; SH2 domain containing protein 2A; SH2 domain protein 2A; SH2 domain-containing adapter protein; SH2 domain-containing protein 2A; SH22A_HUMAN; Sh2d2a; T cell specific adapter protein; T cell specific adapter protein TSAd; T cell specific adpater protein TSAd; T cell-specific adapter protein; T lymphocyte specific adaptor protein; TSAd; VEGF receptor associated protein; VEGF receptor-associated protein; VRAP; anti-SH2D2A antibody

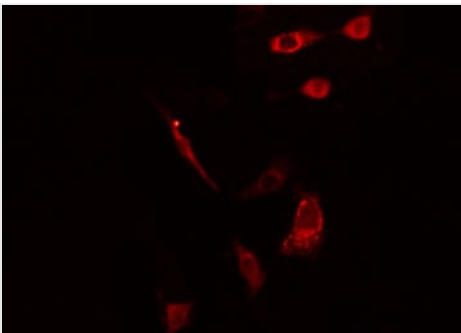
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	SH2D2A antibody detects endogenous levels of total SH2D2A
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	371
Applicable Applications for anti-SH2D2A antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	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.
Predicted Cross Reactivity	Rabbit
Similarity	Rabbit (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, using SH2D2A antibody.



IF (Immunofluorescence)
AAA325145 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SH2D2A antibody	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. Subunit Structure: Interacts with KDR. Interacts with TXK and ITK (By similarity). Post-translational Modifications: Phosphorylated on tyrosine residues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	239787758
NCBI GeneID	9047
NCBI Accession #	NP_001154914.1
NCBI GenBank Nucleotide #	NM_001161442.1
UniProt Accession #	Q9NP31; O43817; Q5UBZ1; Q5VZS4; Q5VZS5; Q9UPA7
Molecular Weight	Observed: 48 kD Predicted: 43 kDa
NCBI Official Full Name	SH2 domain-containing protein 2A isoform 3
NCBI Official Synonym Full Names	SH2 domain containing 2A
NCBI Official Symbol	SH2D2A
NCBI Official Synonym Symbols	SCAP; TSAD; VRAP; F2771
NCBI Protein Information	SH2 domain-containing protein 2A
UniProt Protein Name	SH2 domain-containing protein 2A
UniProt Gene Name	SH2D2A
UniProt Synonym Gene Names	SCAP; TSAD; VRAP; TSAd

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.