

Rabbit anti-Human SH2D1B Polyclonal Antibody | anti-SH2D1B antibody

SH2D1B Antibody

CATALOG # AAA232669	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, ELISA
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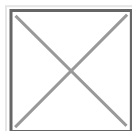
PRODUCT SYNONYMS

SH2D1B; Polyclonal Antibody; SH2D1B Antibody; SH2 domain-containing protein 1B; EWS/FLI1-activated transcript 2; EAT-2; EAT2; anti-SH2D1B antibody

PRODUCT SPECIFICATIONS

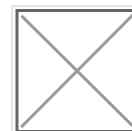
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	132
Applicable Applications for anti-SH2D1B antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human SH2 domain-containing protein 1B protein (1-77AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-21572
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA232669 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA232669 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-SH2D1B antibody	Cytoplasmic adapter regulating receptors of the signaling lymphocytic activation molecule (SLAM) family such as CD84, SLAMF1, LY9 and CD244 (PubMed: 11689425). In SLAM signaling seems to cooperate with SH2D1A/SAP. Plays a role in regulation of effector functions of natural killer (NK) cells by controlling signal transduction through CD244/2B4 without effecting its tyrosine phosphorylation; downstream signaling involves PLCG1 and ERK activation (PubMed: 24687958). Activation of SLAMF7-mediated NK cell function does not effect receptor tyrosine phosphorylation but distal signaling (By similarity). In the context of NK cell-mediated cytotoxicity does not enhance conjugate formation with target cells but stimulates polarization of the microtubule-organizing center and cytotoxic granules toward the NK cell synapse (PubMed: 24687958). Negatively regulates CD40-induced cytokine procuction dendritic cells downstream of SLAM family receptors probably by inducing activation of the PI3K pathway to inhibit p38 MAPK and JNK activation (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54792745
NCBI GeneID	117157
NCBI Accession #	NP_444512.2
NCBI GenBank Nucleotide #	NM_053282.4
UniProt Accession #	O14796; Q5T0L1; Q8NI18; Q969K9; B2RBN6
Molecular Weight	9,024 Da
NCBI Official Full Name	SH2 domain-containing protein 1B
NCBI Official Synonym Full Names	SH2 domain containing 1B
NCBI Official Symbol	SH2D1B
NCBI Official Synonym Symbols	EAT2
NCBI Protein Information	SH2 domain-containing protein 1B
UniProt Protein Name	SH2 domain-containing protein 1B
UniProt Gene Name	SH2D1B
UniProt Synonym Gene Names	EAT2; EAT-2
UniProt Entry Name	SH21B_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sh2d1b-antibody-immunofluorescence-immunohistochemistry-elisa/232669>