

Rabbit anti-Human SH2D1A Polyclonal Antibody | anti-SH2D1A antibody

SH2D1A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232668	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

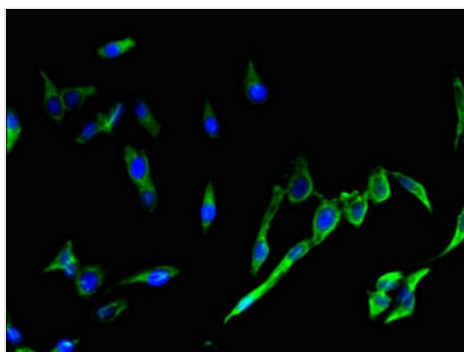
PRODUCT SYNONYMS

SH2D1A; Polyclonal Antibody; SH2D1A Antibody; SH2 domain-containing protein 1A; Duncan disease SH2-protein; Signaling lymphocytic activation molecule-associated protein; SLAM-associated protein; T-c; DSHP; SAP; anti-SH2D1A antibody

PRODUCT SPECIFICATIONS

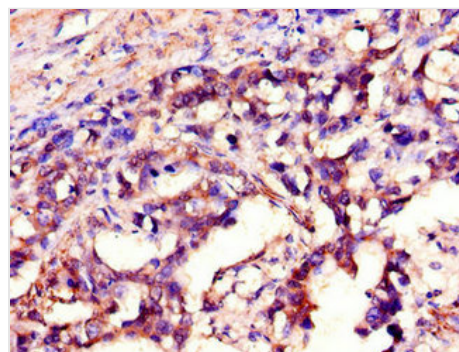
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	125
Applicable Applications for anti-SH2D1A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human SH2 domain-containing protein 1A protein (11-124AA)
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-8639 / sc-8638 / sc-8333
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 Hela cells using AAA232668 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 gastric cancer using AAA232668 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-SH2D1A antibody	Cytoplasmic adapter regulating receptors of the signaling lymphocytic activation molecule (SLAM) family such as SLAMF1, CD244, LY9, CD84, SLAMF6 and SLAMF7. In SLAM signaling seems to cooperate with SH2D1B/EAT-2. Initially it has been proposed that association with SLAMF1 prevents SLAMF1 binding to inhibitory effectors including INPP5D/SHIP1 and PTPN11/SHP-2 (PubMed: 11806999). However, by simultaneous interactions, recruits FYN which subsequently phosphorylates and activates SLAMF1 (PubMed: 12458214). Positively regulates CD244/2B4- and CD84-mediated natural killer (NK) cell functions. Can also promote CD48-, SLAMF6 -, LY9-, and SLAMF7-mediated NK cell activation. In the context of NK cell-mediated cytotoxicity enhances conjugate formation with target cells (By similarity). May also regulate the activity of the neurotrophin receptors NTRK1, NTRK2 and NTRK3.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	169234945
NCBI GeneID	4068
NCBI Accession #	NP_001108409.1
NCBI GenBank Nucleotide #	NM_001114937.2
UniProt Accession #	O60880; O95383; O95384; O95385; O95386; Q6FGS6; Q9UNR0; A8MSW0
Molecular Weight	6,631 Da
NCBI Official Full Name	SH2 domain-containing protein 1A isoform 2
NCBI Official Synonym Full Names	SH2 domain containing 1A
NCBI Official Symbol	SH2D1A
NCBI Official Synonym Symbols	LYP; SAP; XLP; DSHP; EBVS; IMD5; XLPD; MTCP1; XLPD1; SAP/SH2D1A
NCBI Protein Information	SH2 domain-containing protein 1A
UniProt Protein Name	SH2 domain-containing protein 1A
UniProt Gene Name	SH2D1A
UniProt Synonym Gene Names	DSHP; SAP; SLAM-associated protein
UniProt Entry Name	SH21A_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/sh2d1a-antibody-immunofluorescence-immunohistochemistry-elisa/232668>