Rabbit SH2D1A Polyclonal Antibody | anti-SH2D1A antibody

SH2D1A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304120	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot**

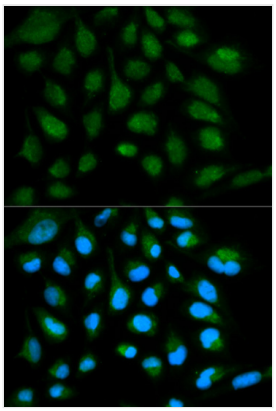
PRODUCT SYNONYMS

SH2D1A; Polyclonal Antibody; SH2D1A Antibody; DSHP; EBVS; FLJ18687; FLJ92177; anti-SH2D1A antibody

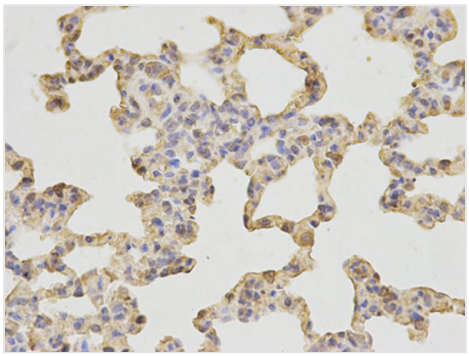
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total SH2D1A protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	125
Applicable Applications for anti-SH2D1A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human SH2D1A.
Target Name	SH2D1A
Preparation and Storage	Store at -20 degree C

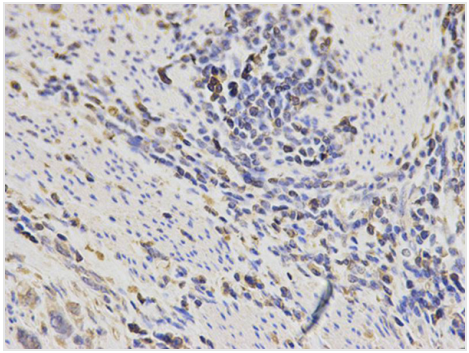
IMAGES



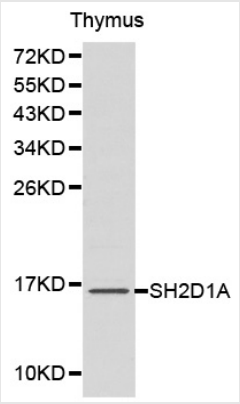
IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cell using SH2D1A antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemisry)
Immunohistochemical analysis of paraffin-embedded rat lung using SH2D1A antibody at dilution of 1:200 (400x lens).



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human stomach cancer using SH2D1A antibody at dilution of 1:200 (400x lens



WB (Western Blot)
Western blot analysis of thymus cell lysate using SH2D1A antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SH2D1A antibody	SH2D1A and SH2D1B are small, adaptor proteins with a single SH2-domain that play important signal transduction roles mediated by the signaling lymphocytic activation molecule (SLAM) family receptors (1). SH2D1A (also called SAP or SLAM-associated protein) is frequently mutated in patients with X-linked lymphoproliferative disease (Duncan's disease), which is characterized by extreme susceptibility to Epstein-Barr virus; approximately 50 different SH2D1A mutations have been reported to date (2-4). The single SH2D1B gene in humans (also called EAT-2 or Ewing's sarcoma's/FLI1-activated transcript 2) is present as a pair of duplicated EAT-2A and EAT-2B genes with identical genomic organization in mouse and rat (5,6).
Product Categories/Family for anti-SH2D1A antibody	Total protein Ab

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.