

Rabbit anti-Human SYTL2 Polyclonal Antibody | anti-SYTL2 antibody

SYTL2 Antibody (Center)

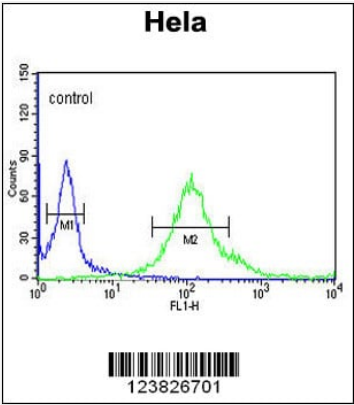
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288221	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

SYTL2; Polyclonal Antibody; SYTL2 Antibody (Center); Synaptotagmin-like protein 2; Breast cancer-associated antigen SGA-72M; Exophilin-4; KIAA1597; SGA72M; SLP2; SLP2A; anti-SYTL2 antibody

PRODUCT SPECIFICATIONS

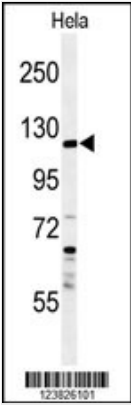
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SYTL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 840-868 amino acids from the Central region of human SYTL2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Sequence Positions	840-868
Sequence Length	934
Applicable Applications for anti-SYTL2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Cellular Location	Isoform 1: Cytoplasm. Cell membrane Note=Recruited on vesicular structures in cytotoxic T-lymphocytes (CTL) by RAB27A.
Tissue Location	Isoform 1 is expressed in hematopoietic lineages with a strong expression in CD4 and CD8 T-lymphocytes. It is also widely expressed in nonhematopoietic tissues. Isoform 5 is expressed only in nonhematopoietic tissues. Isoform 4 is expressed in pancreatic alpha cells.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
SYTL2 Antibody (Center) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
SYTL2 Antibody (Center) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SYTL2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of SYTL2 Antibody (Center) in HeLa cell line lysates (35ug/lane). SYTL2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-SYTL2 antibody	SYTL2 is a synaptotagmin-like protein (SLP) that belongs to a C2 domain-containing protein family. The SLP homology domain (SHD) of this protein has been shown to specifically bind the GTP-bound form of Ras-related protein Rab-27A (RAB27A). This protein plays a role in RAB27A-dependent vesicle trafficking and controls melanosome distribution in the cell periphery.
Product Categories/Family for anti-SYTL2 antibody	Signal Transduction
References	Menasche, G., et al. Blood 112(13):5052-5062(2008) Kesari, A., et al. Am. J. Pathol. 173(5):1476-1487(2008) Chavas, L.M., et al. Structure 16(10):1468-1477(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	244790013
NCBI GeneID	54843
NCBI Accession #	NP_001156423.1; NP_001156424.1; NP_001156425.1; NP_115755.2; NP_116561.1; NP_996810.1; NP_996811.1 ; NP_996812.1; NP_996813.1
NCBI GenBank Nucleotide #	NM_001162951.2

UniProt Accession #	Q9HCH5; Q2YDA7; Q6TV07; Q6ZN59; Q6ZVC5; B3KRS3; B4DJT5; B4DKW3; B4DQ26; B7SA85; B7ZLX6; B7ZLX7
Molecular Weight	104930
NCBI Official Full Name	synaptotagmin-like protein 2 isoform g
NCBI Official Synonym Full Names	synaptotagmin-like 2
NCBI Official Symbol	SYTL2
NCBI Official Synonym Symbols	EXO4; SLP2; SLP2A; SGA72M; CHR11SYT; PPP1R151
NCBI Protein Information	synaptotagmin-like protein 2
UniProt Protein Name	Synaptotagmin-like protein 2
UniProt Gene Name	SYTL2
UniProt Synonym Gene Names	KIAA1597; SGA72M; SLP2; SLP2A
UniProt Entry Name	SYTL2_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/sytl2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288221>