

SYTL1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12814C**Specification**

SYTL1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q8IYJ3
Other Accession	NP_001180237.1 , NP_116261.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	61857
Antigen Region	296-325

SYTL1 Antibody (Center) - Additional Information**Gene ID** 84958**Other Names**

Synaptotagmin-like protein 1, Exophilin-7, Protein JFC1, SYTL1, SLP1

Target/Specificity

This SYTL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 296-325 amino acids from the Central region of human SYTL1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SYTL1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SYTL1 Antibody (Center) - Protein Information**Name** SYTL1**Synonyms** SLP1

Function May play a role in vesicle trafficking (By similarity). Binds phosphatidylinositol 3,4,5-trisphosphate. Acts as a RAB27A effector protein and may play a role in cytotoxic granule exocytosis in lymphocytes (By similarity).

Cellular Location

Cell membrane; Peripheral membrane protein; Cytoplasmic side Note=Peripheral membrane protein tightly bound to the cytoplasmic side of cellular membranes

Tissue Location

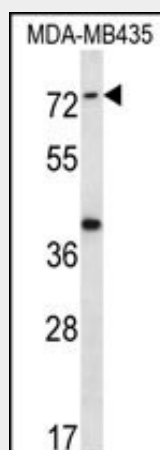
Highly expressed in bone marrow and lymphoid tissues. Detected at lower levels in cerebellum, occipital lobe, prostate, stomach, kidney, appendix, lung and trachea. Expressed in cytotoxic T-lymphocytes (CTL).

SYTL1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SYTL1 Antibody (Center) - Images



SYTL1 Antibody (Center) (Cat. #AP12814c) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the SYTL1 antibody detected the SYTL1 protein (arrow).

SYTL1 Antibody (Center) - Background

SYTL1 may play a role in vesicle trafficking (By similarity). It binds phosphatidylinositol 3,4,5-trisphosphate. Acts as a RAB27A effector protein and may play a role in cytotoxic granule exocytosis in lymphocytes (By similarity).

SYTL1 Antibody (Center) - References

Neumuller, O., et al. Blood 114(7):1396-1404(2009)

Holt, O., et al. Traffic 9(4):446-457(2008)
Schmid, M., et al. J. Leukoc. Biol. 81(4):907-915(2007)
Johnson, J.L., et al. Biochem. J. 391 (PT 3), 699-710 (2005) :
Catz, S.D., et al. Biochem. J. 367 (PT 3), 791-799 (2002) :