

**SYTL1 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12814c****Specification**

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**SYTL1 Antibody (Center) Blocking peptide - Product Information**

Primary Accession [Q8IYJ3](#)

**SYTL1 Antibody (Center) Blocking peptide - Additional Information**

**Gene ID** 84958

**Other Names**

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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**SYTL1 Antibody (Center) Blocking peptide - 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) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **SYTL1 Antibody (Center) Blocking peptide - Images**

#### **SYTL1 Antibody (Center) Blocking peptide - Background**

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

#### **SYTL1 Antibody (Center) Blocking peptide - 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) :