

**STOML1 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18651a****Specification**

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**STOML1 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q9UBI4](#)**STOML1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 9399**Other Names**

Stomatin-like protein 1, SLP-1, EPB72-like protein 1, Protein unc-24 homolog, Stomatin-related protein, STORP, STOML1, SLP1, UNC24

**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.

**STOML1 Antibody (N-term) Blocking Peptide - Protein Information****Name** STOML1**Synonyms** SLP1, UNC24**Function**

May play a role in cholesterol transfer to late endosomes (PubMed:<a href="http://www.uniprot.org/citations/19696025" target="\_blank">19696025</a>). May play a role in modulating membrane acid-sensing ion channels. Can specifically inhibit proton-gated current of ASIC1 isoform 1. Can increase inactivation speed of ASIC3. May be involved in regulation of proton sensing in dorsal root ganglions (By similarity). May play a role in protecting FBXW7 isoform 3 from degradation (PubMed:<a href="http://www.uniprot.org/citations/23082202" target="\_blank">23082202</a>).

**Cellular Location**

Membrane; Single-pass type III membrane protein. Late endosome membrane. Membrane raft. Cell membrane {ECO:0000250|UniProtKB:Q8CI66}; Single-pass type III membrane protein Cytoplasmic vesicle {ECO:0000250|UniProtKB:Q8CI66}

**Tissue Location**

Ubiquitously expressed at low levels. Expression is highest in brain.

**STOML1 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**STOML1 Antibody (N-term) Blocking Peptide - Images****STOML1 Antibody (N-term) Blocking Peptide - Background**

STOML1 belongs to the band 7/mec-2 family and contains one SCP2 domain. It is ubiquitously expressed at low levels; expression is highest in brain. There are two named isoforms.

**STOML1 Antibody (N-term) Blocking Peptide - References**

Mairhofer, M., et al. J. Biol. Chem. 284(42):29218-29229(2009) Gilles, F., et al. Eur. J. Haematol. 64(2):104-113(2000) Seidel, G., et al. Gene 225 (1-2), 23-29 (1998) :