

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

STOML1 Antibody (N-term) Blocking Peptide - Product InformationPrimary 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:19696025). 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:23082202).

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) :