

SEL1L Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP8599c**Specification**

SEL1L Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9UBV2](#)**SEL1L Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 6400**Other Names**

Protein sel-1 homolog 1, Suppressor of lin-12-like protein 1, Sel-1L, SEL1L, TSA305

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8599c](/products/AP8599c) was selected from the Center region of human SEL1L. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

SEL1L Antibody (Center) Blocking Peptide - Protein Information**Name** SEL1L {ECO:0000303|PubMed:10746565}**Function**

Plays a role in the endoplasmic reticulum quality control (ERQC) system also called ER-associated degradation (ERAD) involved in ubiquitin-dependent degradation of misfolded endoplasmic reticulum proteins (PubMed:[16186509](http://www.uniprot.org/citations/16186509), PubMed:[29997207](http://www.uniprot.org/citations/29997207), PubMed:[37943610](http://www.uniprot.org/citations/37943610), PubMed:[37943617](http://www.uniprot.org/citations/37943617)). Enhances SYVN1 stability. Plays a role in LPL maturation and secretion. Required for normal differentiation of the pancreas epithelium, and for normal exocrine function and survival of pancreatic cells. May play a role in Notch signaling.

Cellular Location

Endoplasmic reticulum membrane; Single-pass type I membrane protein

Tissue Location

Highly expressed in pancreas.

SEL1L Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SEL1L Antibody (Center) Blocking Peptide - Images**SEL1L Antibody (Center) Blocking Peptide - Background**

SEL1L may play a role in Notch signaling and be involved in the endoplasmic reticulum quality control (ERQC) system also called ER-associated degradation (ERAD) involved in ubiquitin-dependent degradation of misfolded endoplasmic reticulum proteins.

SEL1L Antibody (Center) Blocking Peptide - References

Mueller,B., et.al., Proc. Natl. Acad. Sci. U.S.A. 105 (34), 12325-12330 (2008)Cattaneo,M., et.al., J. Biol. Chem. 284 (17), 11405-11415 (2009)Riemer,J., et.al., Proc. Natl. Acad. Sci. U.S.A. 106 (35), 14831-14836 (2009)