

SELS Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9171c**Specification**

SELS Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9BQE4](#)**SELS Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 55829**Other Names**

Selenoprotein S, SelS, VCP-interacting membrane protein, VIMP, SELS

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9171c](/products/AP9171c) was selected from the Center region of human SELS. 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.

SELS Antibody (Center) Blocking Peptide - Protein Information**Name** SELENOS {ECO:0000303|PubMed:27645994, ECO:0000312|HGNC:HGNC:30396}**Function**

Involved in the degradation process of misfolded endoplasmic reticulum (ER) luminal proteins. Participates in the transfer of misfolded proteins from the ER to the cytosol, where they are destroyed by the proteasome in a ubiquitin-dependent manner. Probably acts by serving as a linker between DERL1, which mediates the retrotranslocation of misfolded proteins into the cytosol, and the ATPase complex VCP, which mediates the translocation and ubiquitination.

Cellular Location

Endoplasmic reticulum membrane; Single-pass membrane protein. Cytoplasm

SELS Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SELS Antibody (Center) Blocking Peptide - Images

SELS Antibody (Center) Blocking Peptide - Background

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SELS Antibody (Center) Blocking Peptide - References

McGeachie,M., et.al., Circulation 120 (24), 2448-2454 (2009) Kelly,E., et.al., J. Biol. Chem. 284 (25), 16891-16897 (2009)