10320 Camino Santa Fe, Suite G
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SELS Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP9171c

Specification

SELS Antibody (Center) Blocking Peptide - Product Information

Primary 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 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

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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)