

VAPB Blocking Peptide (Center)
Synthetic peptide
Catalog # BP20627c**Specification****VAPB Blocking Peptide (Center) - Product Information**

Primary Accession [Q95292](#)
Other Accession [A5GFS8](#), [A2VDZ9](#)

VAPB Blocking Peptide (Center) - Additional Information

Gene ID 9217

Other Names

Vesicle-associated membrane protein-associated protein B/C, VAMP-B/VAMP-C, VAMP-associated protein B/C, VAP-B/VAP-C, VAPB

Target/Specificity

The synthetic peptide sequence is selected from aa 126-159 of HUMAN VAPB

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.

VAPB Blocking Peptide (Center) - Protein Information

Name VAPB

Function

Participates in the endoplasmic reticulum unfolded protein response (UPR) by inducing ERN1/IRE1 activity. Involved in

VAPB Blocking Peptide (Center) - Background

Participates in the endoplasmic reticulum unfolded protein response (UPR) by inducing ERN1/IRE1 activity. Involved in cellular calcium homeostasis regulation.

VAPB Blocking Peptide (Center) - References

Nishimura Y., et al. Biochem. Biophys. Res. Commun. 254:21-26(1999).
Hu R.-M., et al. Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000).
Clark H.F., et al. Genome Res. 13:2265-2270(2003).
Deloukas P., et al. Nature 414:865-871(2001).
Gevaert K., et al. Nat. Biotechnol. 21:566-569(2003).

cellular calcium homeostasis regulation.

Cellular Location

Endoplasmic reticulum membrane;
Single-pass type IV membrane protein.
Note=Present in mitochondria-associated
membranes that are endoplasmic reticulum
membrane regions closely apposed to the
outer mitochondrial membrane

Tissue Location

Ubiquitous. Isoform 1 predominates.

**VAPB Blocking Peptide (Center) -
Protocols**

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

- [Blocking Peptides](#)