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VSNL1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12201c

Specification

VSNL1 Antibody (Center) Blocking peptide - Product Information

Primary Accession P62760

VSNL1 Antibody (Center) Blocking peptide - Additional Information

Gene ID 7447

Other Names
Visinin-like protein 1, VILIP, VLP-1, Hippocalcin-like protein 3, HLP3, VSNL1, VISL1

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.

VSNL1 Antibody (Center) Blocking peptide - Protein Information

Name VSNL1

Synonyms VISL1

Function
Regulates (in vitro) the inhibition of rhodopsin phosphorylation in a calcium-dependent manner.

Tissue Location
Brain and retina. Neuron-specific in the central and peripheral nervous system. Increased in the cerebrospinal fluid of Alzheimer disease patients (at protein level)

VSNL1 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

VSNL1 Antibody (Center) Blocking peptide - Images

VSNL1 Antibody (Center) Blocking peptide - Background

This gene is a member of the visinin/recoverin subfamilyof neuronal calcium sensor proteins. The encoded protein isstrongly expressed in granule cells of the cerebellum where itassociates with membranes in a calcium-dependent manner andmodulates intracellular signaling pathways of the central nervoussystem by directly or indirectly regulating the activity ofadenylyl cyclase. Alternatively spliced transcript variants havebeen observed, but their full-length nature has not beendetermined.

VSNL1 Antibody (Center) Blocking peptide - References

Xu, Y., et al. Schizophr. Res. 119 (1-3), 219-227 (2010) :Buttgereit, J., et al. Regul. Pept. 161 (1-3), 51-57 (2010) :Fu, J., et al. J. Biol. Chem. 284(40):27577-27586(2009)Chen, K.C., et al. J. Pept. Sci. 15(2):89-94(2009)Zhao, C.J., et al. Mol. Cell. Neurosci. 40(2):280-292(2009)