

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 subfamily of neuronal calcium sensor proteins. The encoded protein is strongly expressed in granule cells of the cerebellum where it associates with membranes in a calcium-dependent manner and modulates intracellular signaling pathways of the central nervous system by directly or indirectly regulating the activity of adenylyl cyclase. Alternatively spliced transcript variants have been observed, but their full-length nature has not been determined.

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)