

AMPH Blocking Peptide (Center)
Synthetic peptide
Catalog # BP19926C**Specification**

AMPH Blocking Peptide (Center) - Product Information

Primary Accession [P49418](#)
Other Accession [O08838](#), [Q7TQF7](#), [NP_647477.1](#)

AMPH Blocking Peptide (Center) - Additional Information

Gene ID 273

Other Names

Amphiphysin, AMPH, AMPH1

Target/Specificity

The synthetic peptide sequence is selected from aa 155-168 of HUMAN AMPH

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.

AMPH Blocking Peptide (Center) - Protein Information

Name AMPH

Synonyms AMPH1

Function

May participate in mechanisms of regulated exocytosis in synapses and certain endocrine cell types. May control the properties of the membrane associated cytoskeleton.

Cellular Location

Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Peripheral membrane protein; Cytoplasmic side Cytoplasm, cytoskeleton

Tissue Location

Neurons, certain endocrine cell types and spermatocytes

AMPH Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

AMPH Blocking Peptide (Center) - Images

AMPH Blocking Peptide (Center) - Background

This gene encodes a protein associated with the cytoplasmic surface of synaptic vesicles. A subset of patients with stiff-man syndrome who were also affected by breast cancer are positive for autoantibodies against this protein. Alternate splicing of this gene results in two transcript variants encoding different isoforms. Additional splice variants have been described, but their full length sequences have not been determined. A pseudogene of this gene is found on chromosome 11.

AMPH Blocking Peptide (Center) - References

He, P., et al. Amino Acids 38(4):1209-1218(2010)
Liu, L., et al. Protein Pept. Lett. 17(2):246-253(2010)
Hou, T., et al. J. Mol. Biol. 376(4):1201-1214(2008)
Zhou, P., et al. Biopolymers 90(6):792-802(2008)
Ballif, B.A., et al. Mol. Cell Proteomics 3(11):1093-1101(2004)