

**AMPH Blocking Peptide (Center)**

Synthetic peptide

Catalog # BP19926C

**Specification**

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**AMPH Blocking Peptide (Center) - Product Information**

Primary Accession

[P49418](#)

Other Accession

[O08838](#), [Q7TOF7](#), [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)