

AMPH Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19926C

Specification

AMPH Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P49418
Other Accession	O08838 , Q7TOF7 , NP_647477.1
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	76257
Antigen Region	140-168

AMPH Antibody (Center) - Additional Information

Gene ID 273

Other Names

Amphiphysin, AMPH, AMPH1

Target/Specificity

This AMPH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 140-168 amino acids from the Central region of human AMPH.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

AMPH Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

AMPH Antibody (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

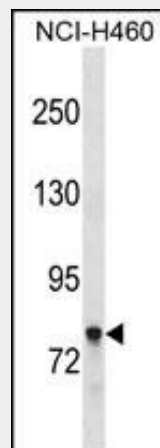
Neurons, certain endocrine cell types and spermatocytes

AMPH Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

AMPH Antibody (Center) - Images



AMPH Antibody (Center) (Cat. #AP19926c) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the AMPH antibody detected the AMPH protein (arrow).

AMPH Antibody (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 Antibody (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)