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Goat Anti-Amphiphysin / AMPH Antibody
Peptide-affinity purified goat antibody
Catalog # AF1060a

Specification

Goat Anti-Amphiphysin / AMPH Antibody - Product Information

Application	**IHC, WB**
Primary Accession	P49418
Other Accession	NP_647477, 273, 218038 (mouse)
Reactivity	**Human, Mouse**
Predicted	**Rat, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**100ug/200ul**
Isotype	**IgG**
Calculated MW	**76257**

Goat Anti-Amphiphysin / AMPH Antibody - Additional Information

Gene ID 273

Other Names
Amphiphysin, AMPH, AMPH1

Format
0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Goat Anti-Amphiphysin / AMPH Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-Amphiphysin / AMPH Antibody - 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

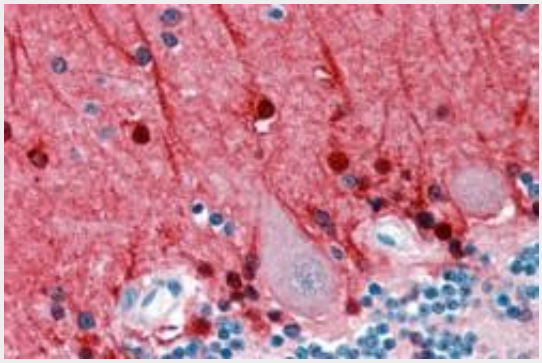
Tissue Location
Neurons, certain endocrine cell types and spermatocytes

Goat Anti-Amphiphysin / AMPH Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat Anti-Amphiphysin / AMPH Antibody - Images



AF1060a (2.5 µg/ml) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



AF1060a (0.5 µg/ml) staining of mouse brain lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-Amphiphysin / AMPH Antibody - 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.

Goat Anti-Amphiphysin / AMPH Antibody - References

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