10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# AMPH Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21117a

## Product Information

| | |
|---|---|
| **Application** | WB, E |
| **Primary Accession** | P49418 |
| **Reactivity** | Human |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB51674 |
| **Calculated MW** | 76257 |

## Additional Information

| | |
|---|---|
| **Gene ID** | 273 |
| **Other Names** | Amphiphysin, AMPH, AMPH1 |
| **Target/Specificity** | This AMPH antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 580-614 amino acids from the C-terminal region of human AMPH. |
| **Dilution** | WB~~1:1000 E~~Use at an assay dependent concentration. |
| **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 (C-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## 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 |

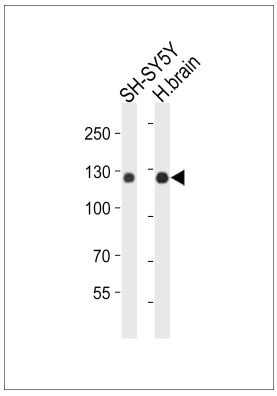
## Background

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

## References

David C.,et al.FEBS Lett. 351:73-79(1994).
Yamamoto R.,et al.Hum. Mol. Genet. 4:265-268(1995).
Floyd S.R.,et al.Mol. Med. 4:29-39(1998).
Scherer S.W.,et al.Science 300:767-772(2003).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

## Images




Western blot analysis of lysates from SH-SY5Y cell line, human brain tissue lysate(from left to right), using AMPH Antibody (C-term)(Cat. #AP21117a). AP21117a was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.