



Order: (888)-282-5810 (Phone)
(818)-707-0392 (Fax)
order@abiocode.com
Web: www.Abiocode.com

AMPH (M) Antibody, Rabbit Polyclonal

Cat#: R1512-1

Quantity: 100 ul

Predicted | Observed MW: 76 | 128 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P49418

Background:

Amphiphysin (AMPH) encodes a protein associated with the cytoplasmic surface of synaptic vesicles. AMPH may participate in mechanisms of regulated exocytosis in synapses and certain endocrine cell types. It may control the properties of the membrane associated cytoskeleton. A subset of patients with stiff-man syndrome, a rare disease of the central nervous system characterized by progressive rigidity of the body musculature with superimposed painful spasms, who were also affected by breast cancer are positive for autoantibodies against AMPH.

Other Names:

Amphiphysin, AMPH1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of human AMPH. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:500-1:2,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

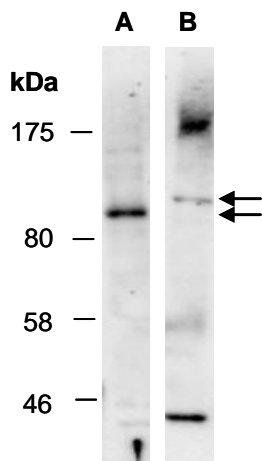


Fig 1. Western blot of total cell extracts from (A) mouse brain and (B) human glioblastoma cells, using Ab (R1512-1) at RT for 2 h. The observed M.W. of human AMPH is approximately 128 kD, and murine AMPH migrates slightly faster than human AMPH as expected.