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Anti-Amphiphysin 1 Antibody

Catalog # AP60218

Product Information

Application	WB, IF/IC
Primary Accession	P49418
Reactivity	Human, Mouse, Rat, Bovine, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	76257

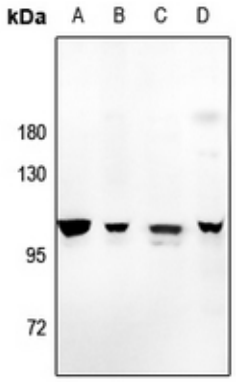
Additional Information

Gene ID	273
Other Names	AMPH1; Amphiphysin
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Amphiphysin 1. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

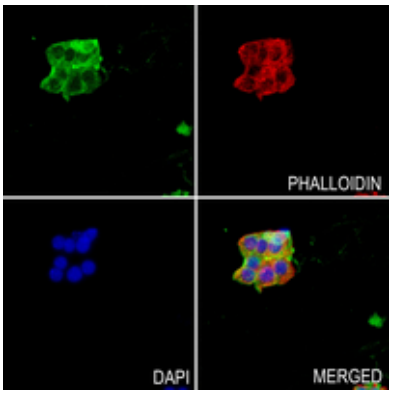
Protein Information

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

Images



Western blot analysis of Amphiphysin 1 expression in U87MG (A), Panc1 (B), SHSY5Y (C), BV2 (D) whole cell lysates. (Predicted band size: 76 kD; Observed band size: 110 kD)



Immunofluorescent analysis of Amphiphysin 1 staining in MDAMB231 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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