

Rabbit AMPH Polyclonal Antibody | anti-AMPH antibody

AMPH Antibody

CATALOG # AAA324446	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunocytochemistry, Immunofluorescence, Western Blot
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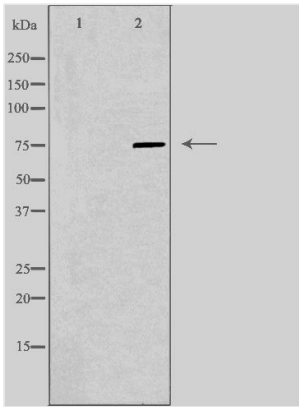
PRODUCT SYNONYMS

AMPH; Polyclonal Antibody; AMPH Antibody; Amp; AMPH 1; AMPH_HUMAN; AMPH1; Amphiphysin (Stiff-Man syndrome with breast cancer 128kD autoantigen); Amphiphysin (Stiff-Man syndrome with breast cancer 128kDa autoantigen); Amphiphysin; Amphiphysin I; CG8604; Damp; dAmph; DmelCG8604; HGNC:471; MGC49429; Stiff man syndrome with breast cancer 128kD autoantigen; Stiff man syndrome with breast cancer 128kDa autoantigen; anti-AMPH antibody

PRODUCT SPECIFICATIONS

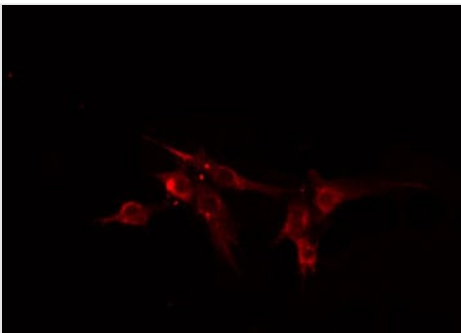
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	AMPH antibody detects endogenous levels of total AMPH
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	695
Applicable Applications for anti-AMPH antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasmic Vesicle > Secretory Vesicle > Synaptic Vesicle Membrane. Cytoplasm > Cytoskeleton.
Tissue Specificity	Neurons, certain endocrine cell types and spermatocytes.
Predicted Cross Reactivity	Pig, Bovine, Horse, Rabbit, Dog, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Rabbit (100%), Dog (100%), Xenopus (89%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using AMPH antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA324446 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-AMPH antibody	Function: May participate in mechanisms of regulated exocytosis in synapses and certain endocrine cell types. May control the properties of the membrane associated cytoskeleton. Subunit Structure: Heterodimer with BIN1. Binds SH3GLB1 and AP2A2 (By similarity). Interacts with AP2B1. Interacts with REPS1 and SGIP1; may be involved in clathrin-mediated endocytosis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502081
NCBI GeneID	273
NCBI Accession #	NP_001626.1
NCBI GenBank Nucleotide #	NM_001635.3
UniProt Accession #	P49418; O43538; Q75MJ8; Q75MK5; Q75MM3; Q8N4G0; A4D1X8; A4D1X9
Molecular Weight	Observed: 76 kD Predicted: 77 kDa
NCBI Official Full Name	amphiphysin isoform 1
NCBI Official Synonym Full Names	amphiphysin
NCBI Official Symbol	AMPH
NCBI Official Synonym Symbols	AMPH1
NCBI Protein Information	amphiphysin
UniProt Protein Name	Amphiphysin
UniProt Gene Name	AMPH
UniProt Synonym Gene Names	AMPH1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.