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Amphiphysin Monoclonal Antibody (N8-2)

Catalog Number MA5-17205

Product data sheet

Details	
Size	100 µL
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	N8-2
Immunogen	Recombinant human GST-fragment protein (1-347AA) purified from E. coli
Conjugate	Unconjugated
Form	liquid
Storage Conditions	-20°C

Species Reactivity	
Species reactivity	Human, Mouse, Rat

Tested Applications	Dilution *
Immunohistochemistry (Paraffin) (IHC (P))	1:100
Immunoprecipitation (IP)	2 µg
Western Blot (WB)	0.1 µg/mL

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

A suggested positive control for this product is mouse or rat brain.

Background/Target Information

Amphiphysins, members of the BAR (Bin-Amphiphysin-Rvsp) protein super family, play a key role in clathrin-mediated endocytosis of synaptic vesicles (SVs). All members of the BAR family share a highly conserved N-terminal BAR domain and a C-terminal Src homology (SH3) domain. Two isoforms of amphiphysin have been identified and act in concert as a heterodimer. Amphiphysins interact via its carboxy-terminal SH3 domain with dynamin, synaptojanin and clathrin. These complexes are implicated in synaptic vesicle recycling at nerve terminal. Amphiphysins were also identified as the dominant autoantigen in paraneoplastic Stiff-Man Syndrome.

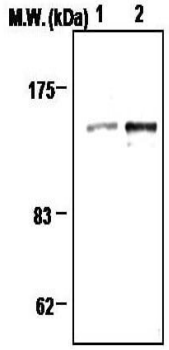
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Product Images For Amphiphysin Monoclonal Antibody (N8-2)



Amphiphysin Antibody (MA5-17205) in WB

Western blot analysis of Amphiphysin using anti-Amphiphysin monoclonal antibody (Product # MA5-17205) on (Lane 1) Mouse Brain and (Lane 2) Rat Brain.

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