

Product Name: Dynamin-2 Mouse Monoclonal Antibody
Catalog #: AMM80573



Summary

Production Name	Dynamin-2 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Ascitic fluid containing 0.03% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	Dynamin-2
Alternative Names	DYN2; DYNII; CMTDI1; CMTDIB; DI-CMTB; DNM2
Gene ID	1785.0
SwissProt ID	P50570 . Purified recombinant fragment of Dynamin-2 expressed in E. Coli.

Application

Dilution Ratio	IHC:1:200-1:1000,ELISA:1:10000
Molecular Weight	/

Background

Dynamin-2 (Dnm2), with 870-amino acid protein (about 95kDa), belongs to the dynamin family. Dynamin-1 (neuron-specific), dynamin-2 (ubiquitously expressed), and dynamin-3 (expressed only in the testis, brain, and lung), constitute the

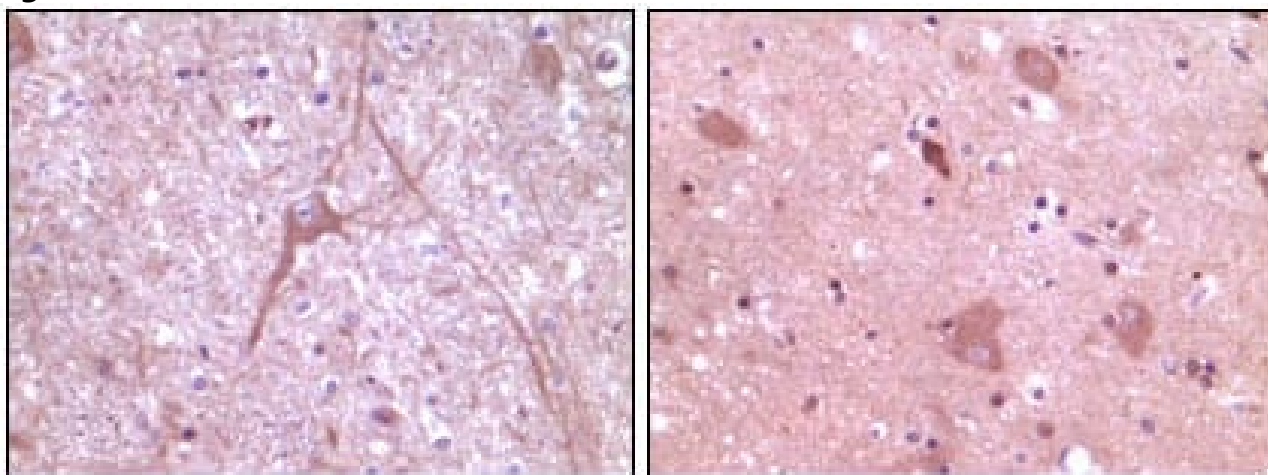
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dynamin family. Members of the dynamin family are GTPase, microtubule-associated proteins which are involved in endocytosis, synaptic transmission and neurogenesis. Dynamin 1 is expressed exclusively in neurons, Dynamin 2 is ubiquitously expressed and Dynamin 3 is thought to be restricted to expression in the brain, testis, heart, and lung. The dynamins participate in the cellular process of clathrin-mediated and fluid-phase endocytosis.

Research Area

Image Data



Immunohistochemical analysis of paraffin-embedded human cerebrum tissue (left) and myelencephalon tissue (right), showing cytoplasmic localization using Dynamin2 mouse mAb with DAB staining.

Note

For research use only.