

Dynamin-2 monoclonal antibody

Catalog: MB21094

Host: Mouse

Reactivity: Human

BackGround:

Dynamin-2 (Dyn2), 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 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.

Product:

Ascitic fluid containing 0.03% sodium azide.

Molecular Weight:

Swiss-Prot:

P50570

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC:1/200 - 1/1000

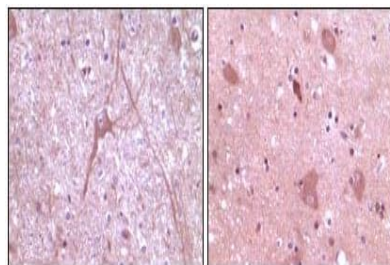
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

Mouse IgG2a

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, not for use in diagnostic procedure.

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