

DNM2

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 98kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human DNM2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

b

Synonym:

DYN2; CMT2M; DYNII; LCCS5; CMTDI1; CMTDIB; DI-CMTB;

Catalog #: A0523

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1785

Isotype: IgG

Swiss Prot: P50570

Purity: Affinity purification

For research use only.

Background:

Dynamins represent one of the subfamilies of GTP-binding proteins. These proteins share considerable sequence similarity over the N-terminal portion of the molecule, which contains the GTPase domain. Dynamins are associated with microtubules. They have been implicated in cell processes such as endocytosis and cell motility, and in alterations of the membrane that accompany certain activities such as bone resorption by osteoclasts. Dynamins bind many proteins that bind actin and other cytoskeletal proteins. Dynamins can also self-assemble, a process that stimulates GTPase activity. Five alternatively spliced transcripts encoding different proteins have been described. Additional alternatively spliced transcripts may exist, but their full-length nature has not been determined.

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