

## 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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