

DNM1

Reactivity:Human Mouse

Tested applications:WB IF

Recommended Dilution:WB 1:500 - 1:2000 IF 1:100 - 1:200

Calculated MW:98kDa

Observed MW:Refer to Figures

Immunogen:

A synthetic peptide of human DNM1

Storage Buffer:

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

Synonym:

DNM;

Catalog #:A2902

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:1759

Isotype:IgG

Swiss Prot:Q05193

Purity:Affinity purification

For research use only.

Background:

This gene encodes a member of the dynamin subfamily of GTP-binding proteins. The encoded protein possesses unique mechanochemical properties used to tubulate and sever membranes, and is involved in clathrin-mediated endocytosis and other vesicular trafficking processes. Actin and other cytoskeletal proteins act as binding partners for the encoded protein, which can also self-assemble leading to stimulation of GTPase activity. More than sixty highly conserved copies of the 3' region of this gene are found elsewhere in the genome, particularly on chromosomes Y and 15. Alternatively spliced transcript variants encoding different isoforms have been described.

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