

DNM2 Rabbit Polyclonal Antibody

Catalog No: #55360

Package Size: #55360-1 50ul #55360-2 100ul

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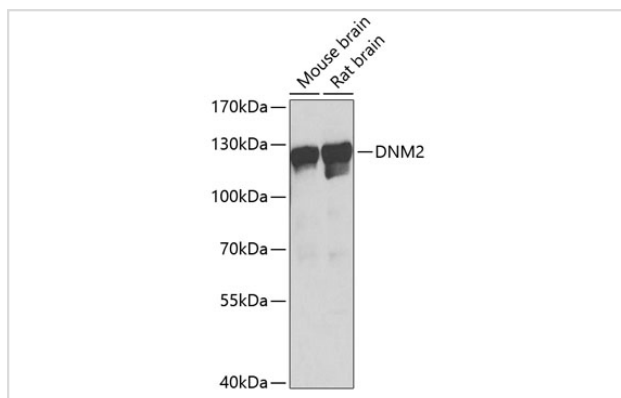
Description

Product Name	DNM2 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Mouse,Rat
Immunogen Description	Recombinant fusion protein of human DNM2 (NP_004936.2).
Other Names	DNM2;CMT2M;CMTDI1;CMTDIB;DI-CMTB;DYN2;DYNII;LCCS5;dynamain-2
Accession No.	Swiss Prot:P50570GeneID:1785
Calculated MW	97kDa/98kDa
SDS-PAGE MW	125kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB □ 1:500 - 1:2000 IF □ 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using DNM2 at 1:1000 dilution.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.