

# DNM2 Rabbit Polyclonal Antibody



CAB7890

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

125kDa

### Calculated MW:

97kDa/98kDa

### Applications:

WB IF

### Reactivity:

Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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.

## Immunogen information

### Gene ID:

1785

### Uniprot

P50570

### Synonyms:

DNM2; CMT2M; CMTDI1; CMTDIB; DI-CMTB; DYN2; DYNII; LCCS5; dynamin-2

### Immunogen:

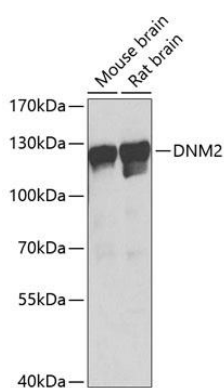
Recombinant fusion protein containing a sequence corresponding to amino acids 607-866 of human DNM2 (NP\_004936.2).

### Storage:

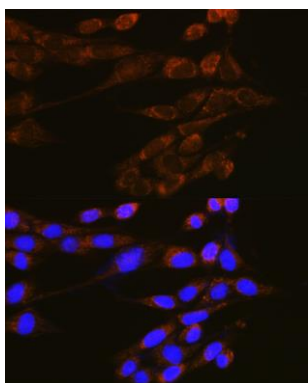
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using DNM2 Antibody (CAB7890) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 15s.



Immunofluorescence analysis of NIH-3T3 cells using DNM2 Rabbit pAb (CAB7890) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.