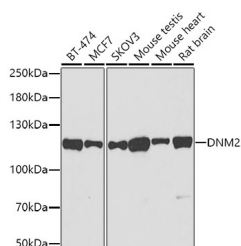


## DNM2 Polyclonal Antibody

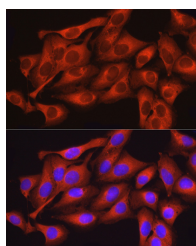
<b>Catalog No.</b>	E-AB-65692	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IF	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

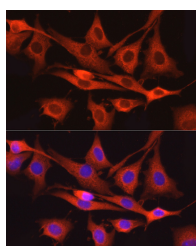
### Images



Western blot analysis of extracts of various cell lines using DN2 Polyclonal Antibody at 1:500 dilution.



Immunofluorescence analysis of U2OS cells using DN2 Polyclonal Antibody at dilution of 1:150. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using DN2 Polyclonal antibody at dilution of 1:150. Blue: DAPI for nuclear staining.

### Immunogen Information

<b>Immunogen</b>	A synthetic peptide of human DN2
<b>GeneID</b>	1785
<b>Swissprot</b>	P50570
<b>Synonyms</b>	DN2,CMT2M,CMTD11,CMTDIB,DI-CMTB,DYN2,DYNII,LCCS5,dynamin-2

### Product Information

<b>Calculated MW</b>	97kDa/98kDa
<b>Observed MW</b>	110kDa
<b>Buffer</b>	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000,IF 1:50-1:200

### 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.

### For Research Use Only

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.