DNM2 Polyclonal Antibody

Catalog Number:E-AB-65692

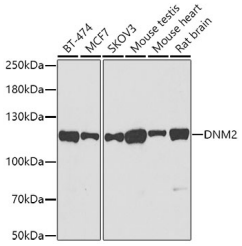
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

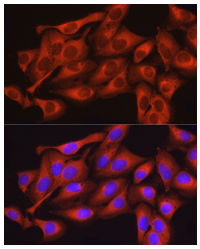
Reactivity	Human,Mouse,Rat
Immunogen	A synthetic peptide of human DNM2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Applications	Recommended Dilution
WB	1:500-1:2000
IF	1:50-1:200

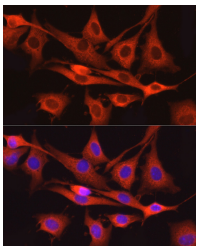
Data



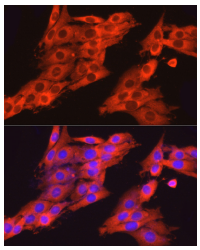
Western blot analysis of extracts of various cell lines using DNM2 Polyclonal Antibody at 1:500 dilution.
Observed Mw:110kDa
Calculated Mw:97kDa/98kDa



Immunofluorescence analysis of U2OS cells using DNM2 Polyclonal Antibody at dilution of 1:150.
Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using DNM2 Polyclonal antibody at dilution of 1:150.
Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using DNM2 Polyclonal antibody at dilution of 1:150.
Blue: DAPI for nuclear staining.

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

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

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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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