

DNM1L Rabbit pAb

Catalog No.: A21311

Basic Information

Observed MW

Refer to figures

Calculated MW

82kDa

Category

Primary antibody

Applications

ELISA,IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a member of the dynamin superfamily of GTPases. The encoded protein mediates mitochondrial and peroxisomal division, and is involved in developmentally regulated apoptosis and programmed necrosis. Dysfunction of this gene is implicated in several neurological disorders, including Alzheimer's disease. Mutations in this gene are associated with the autosomal dominant disorder, encephalopathy, lethal, due to defective mitochondrial and peroxisomal fission (EMPF). Alternative splicing results in multiple transcript variants encoding different isoforms.

Recommended Dilutions

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

10059

Swiss Prot

O00429

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 437-736 of human DNM1L (NP_036192.2).

Synonyms

DLP1; DRP1; DVLP; EMPF; OPA5; EMPF1; DYMPLE; HDYNIV; DNM1L

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

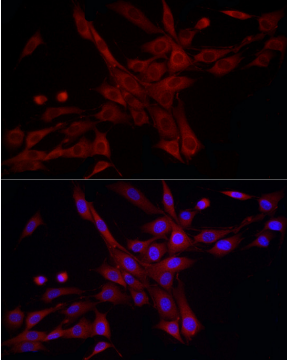
Affinity purification

Storage

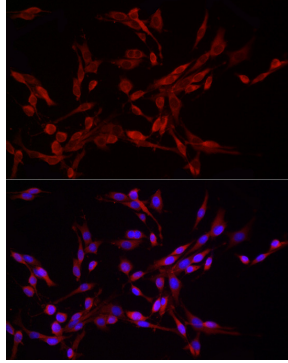
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

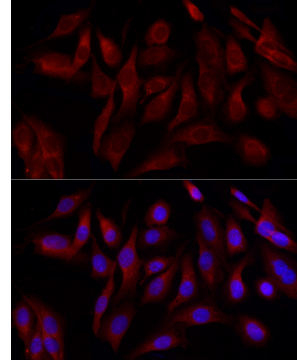
Validation Data



Immunofluorescence analysis of NIH/3T3 cells using DRP1 Rabbit pAb (A21311) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using DRP1 Rabbit pAb (A21311) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using DRP1 Rabbit pAb (A21311) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.