

A21311

Leader in Biomolecular Solutions for Life Science



## DNM1L Rabbit pAb

Catalog No.: A21311

### Basic Information

#### Observed MW

Refer to figures

#### Calculated MW

82kDa

#### Category

Polyclonal Antibody

#### Applications

IF/ICC,ELISA

#### 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



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

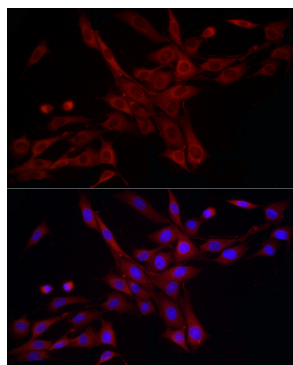
#### Storage

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

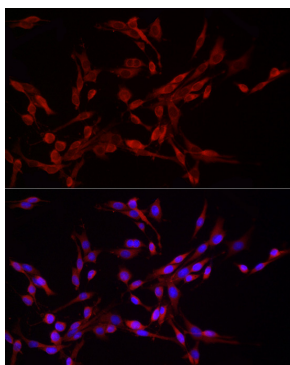
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

## Validation Data

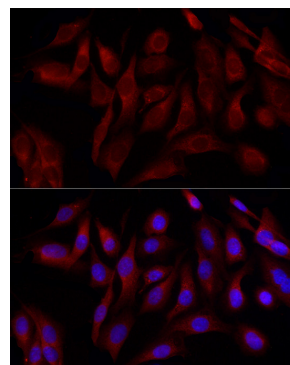
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Immunofluorescence analysis of NIH/3T3 cells using DRP1 Rabbit pAb (A21311) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



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.