

## DNM1L polyclonal antibody

Catalog: BS7390

Host: Rabbit

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.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~82 kDa

### Swiss-Prot:

O00429

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:1000~1:3000

IF: 1:50~1:200

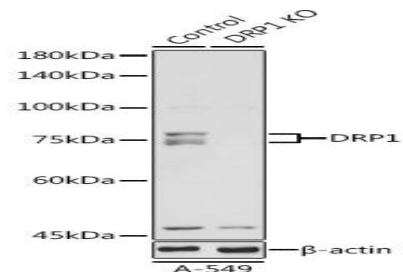
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

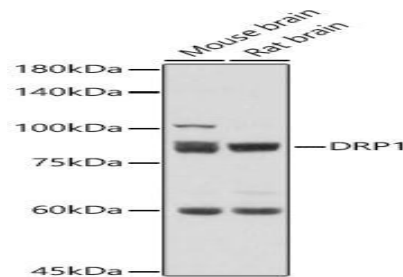
### Specificity:

DNM1L polyclonal antibody detects endogenous levels of DNMI1 protein.

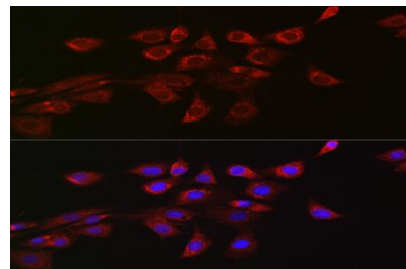
### DATA:



Western blot analysis of extracts of A549 cells, using DRP1 antibody at 1:1000 dilution.



Western blot analysis of extracts of various cell lines, using DRP1 antibody at 1:500 dilution.



Immunofluorescence analysis of NIH/3T3 cells using DRP1 pAb at dilution of 1:50 (40x lens).

### Note:

For research use only, not for use in diagnostic procedure.

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