

# DRP1 Polyclonal Antibody

Catalog Number:D-AB-10190L



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

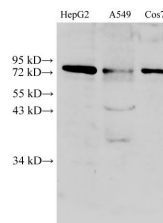
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Recombinant Human DNM1L protein expressed by E.coli
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol pH 7.4

## Applications Recommended Dilution

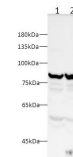
<b>WB</b>	1:500-1:1000
<b>IF</b>	1:50-1:200

## Data

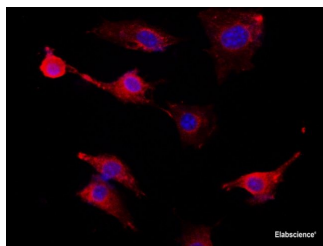


Western Blot analysis of HepG2, A549 and Cos7 cells using DRP1 Polyclonal Antibody at dilution of 1:500

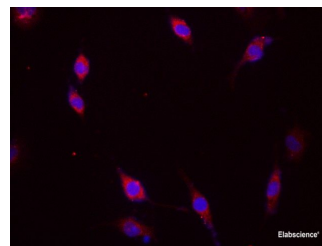
**Observed Mw:82kDa**  
**Calculated Mw:82kDa**



Western blot with DNM1L Polyclonal antibody at dilution of 1:1000.lane 1:Mouse brain,lane 2:Rat brain



Immunofluorescence analysis of NIH/3T3 cells using DNM1L Polyclonal Antibody at dilution of 1:200



Immunofluorescence analysis of C6 cells using DNM1L Polyclonal Antibody at dilution of 1:200

## Preparation & Storage

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

## 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

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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.

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