

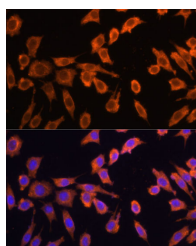
## DRP1 Polyclonal Antibody

**Catalog No.** E-AB-66888  
**Storage** Store at -20°C. Avoid freeze / thaw cycles.  
**Applications** IF

**Reactivity** H,M,R  
**Host** Rabbit  
**Isotype** IgG

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

### Images



Immunofluorescence analysis of L929 cells using DRP1 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

### Immunogen Information

**Immunogen** Recombinant protein of human DRP1  
**GeneID** 10059  
**Swissprot** O00429  
**Synonyms** DNM1L,DLPI,DRP1,DVLP,DYMPLE,EMPF,EMPF 1,HDYNIV

### Product Information

**Buffer** PBS with 0.02% sodium azide, 50% glycerol, pH7.3.  
**Purify** Affinity purification  
**Dilution** IF 1:50-1:200

### 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.

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