

## Recombinant DRP1 Monoclonal Antibody

catalog number: AN301080L

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

### Description

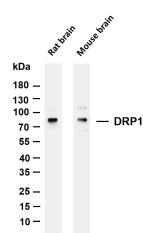
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Human DRP1 protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG,κ
<b>Clone</b>	B835
<b>Purification</b>	Protein A
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

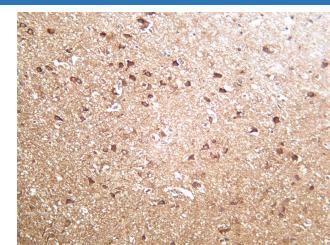
### Recommended Dilution

<b>IHC</b>	1:200-1000
<b>WB</b>	1:1000-5000
<b>IF</b>	1:200-1000
<b>ELISA</b>	1:5000-20000
<b>IP</b>	1:50-200

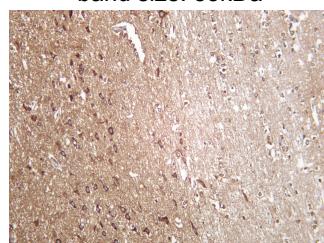
### Data



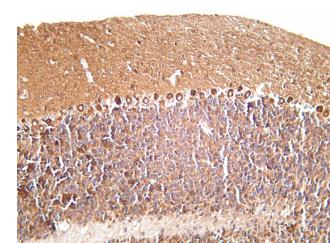
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-DRP1 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Rat brain  
Lane 2: Mouse brain Predicted band size: 83kDa Observed band size: 83kDa



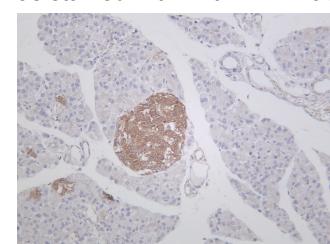
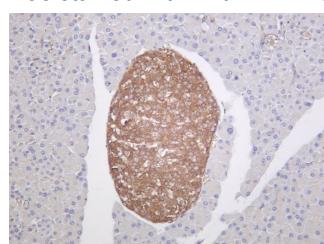
Human brain was stained with Anti-DRP1 rabbit antibody



Mouse brain was stained with Anti-DRP1 rabbit antibody



Rat brain was stained with Anti-DRP1 rabbit antibody



### For Research Use Only

Toll-free: 1-888-852-8623

Web: [www.elabscience.com](http://www.elabscience.com)

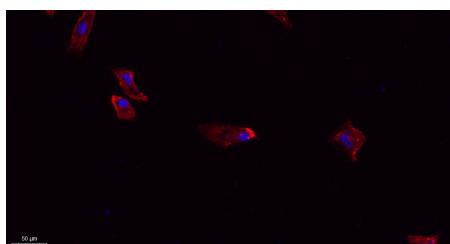
Tel: 1-832-243-6086

Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

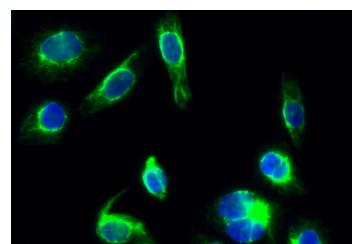
Rev. V1.2

Mouse pancreas was stained with Anti-DRP1 rabbit antibody   Rat pancreas was stained with Anti-DRP1 rabbit antibody



Immunofluorescence analysis of A549. 1,primary

Antibody(red) was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 594 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, DAPI(blue) 10min.



Immunofluorescence analysis of HeLa cell. 1,primary

Antibody(green) was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit Alexa Fluor 488 was diluted at 1:1000(room temperature, 50min). 3 DAPI(blue) 10min.

### Preparation & Storage

**Storage**      Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

**Shipping**      Ice bag

### 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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