

DRP1 Rabbit Polyclonal Antibody

OPR2202

Reactivity H,M,R

Host Rabbit

Isotype IgG

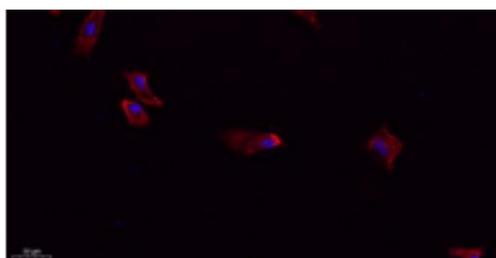
Storage -20°C, Avoid freeze/ thaw cycles

Applications WB;IHC;IF;ELISA

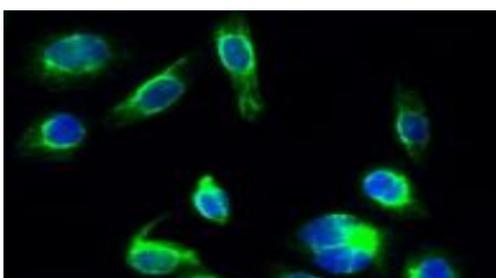
Concentration 1 mg/mL

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

Images



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, 50minute).3, Picture B: DAPI (blue) 10minute



Immunofluorescence analysis of HeLa cell. 1,DRP1 Polyclonal Antibody(green) was diluted at 1:200(4° overnight). 2, Goat Anti Rabbit Alexa Fluor 488 was diluted at 1:1000(room temperature, 50minute). 3 DAPI (blue) 10minute

Immunogen Information

Immunogen Synthesized peptide derived from DRP1.

AA range: 580-660

Swissprot O00429

Synonyms DNM1L; DLP1; DRP1; Dynamin-1-like protein; Dnm1p/Vps1p-like protein; DVLP; Dynamin family member proline-rich carboxyl-terminal domain less; Dymple; Dynamin-like protein; Dynamin-like protein 4; Dynamin-like protein IV; HdynIV; Dynamin-rela

Product Information

Observed MW 80 kDa

Buffer PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Dilution WB:1/500-1/2000;IHC:1/100-1/300;IF:1:50-200
ELISA:1/10000

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user.

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.

Research Use

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

Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry;ChIP-Chromatin Immunoprecipitation

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish;X-Xenopus; C-Cow.

Please contact Origin Diagnostics and Research for further assistance

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