Product Name: DRP1 Mouse Monoclonal Antibody
Catalog #: AMM03709

Summary

Production Name	DRP1 Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB,ICC/IF,FC
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Ascitic Fluid

Immunogen

Gene Name	DNM1L
Alternative Names	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
Gene ID	10059
SwissProt ID	O00429

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200 FC: 1/50-1/100
Molecular Weight	Calculated MW: 82 kDa; Observed MW: 82 kDa

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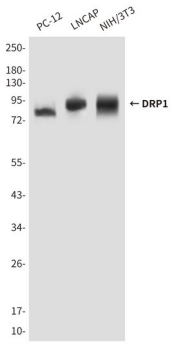
Background

The protein encoded by this gene is a member of the dynamin superfamily of GTPases. Members of the dynamin-related subfamily, including the S. cerevisiae proteins Dnm1 and Vps1, contain the N-terminal tripartite GTPase domain but do not have the pleckstrin homology or proline-rich domains. This protein establishes mitochondrial morphology through a role in distributing mitochondrial tubules throughout the cytoplasm. The gene has 3 alternatively spliced transcripts encoding different isoforms. These transcripts are alternatively polyadenylated.

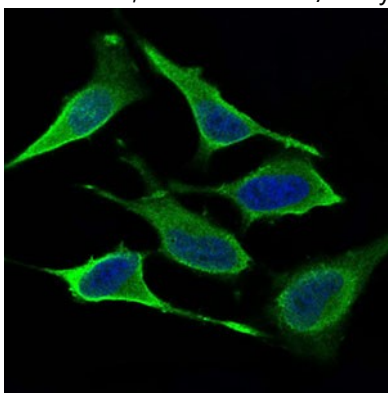
Research Area

Neuroscience

Image Data



Western blot analysis of DRP1 in PC-12 , LNCAP and NIH/3T3 lysates using DRP1 antibody.



Immunofluorescence analysis of DRP1 in Hela cells using DRP1 antibody(green). Blue: DRAQ5 fluorescent DNA dye.

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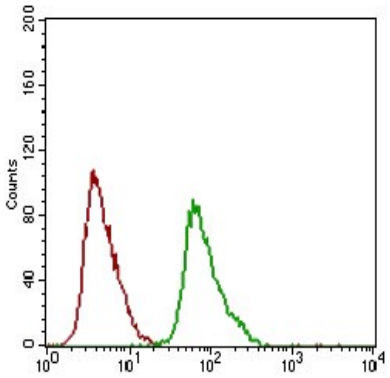

Flow cytometry analysis of HEK293 cells using DNM1L antibody (green) and negative control (red).

Note

For research use only.