DRP1 Polyclonal Antibody

catalog number: D-AB-10190L

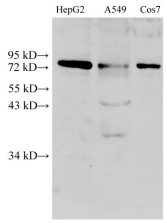
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human DNM1L protein expressed by E.coli
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:500-1:1000
IF	1:50-1:200

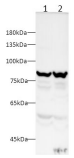
Data



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

Observed-MW:82 kDa

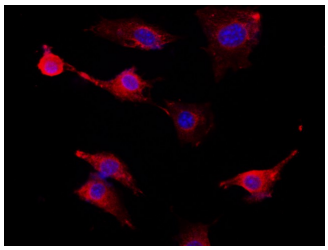
Calculated-MW:82 kDa



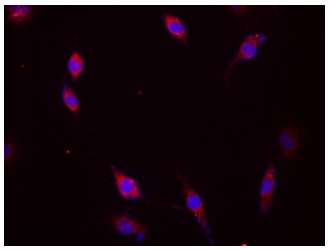
Western blot with DNM1L Polyclonal antibody at dilution of 1:1000.lane 1:Mouse brain,lane 2:Rat brain

Observed-MW:82 kDa

Calculated-MW:82 kDa



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 Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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.