Recombinant Phospho-DRP1 (Ser616) Monoclonal Antibody

catalog number: AN301321L

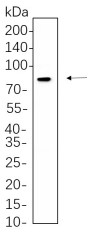
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat;Bovine
Immunogen	A synthetic peptide corresponding to residues around (Ser616) of Human Phospho-DRP1
Host	Rabbit
Isotype	IgG,κ
Clone	B1084
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Data



Western Blot with Recombinant Phospho-DRP1 (Ser616) Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Hela whole cell lysate.
Observed-MW:82 kDa
Calculated-MW:82 kDa

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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