

Phospho-DRP1-S637 Rabbit Polyclonal Antibody



CABP0812

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

80kDa

Calculated MW:

60kDa/78kDa/79kDa/80kDa/
81kDa/82kDa/83kDa

Applications:

WB

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

10059

Uniprot

O00429

Synonyms:

DNM1L; DLP1; DRP1; DVLP; DYMPLE; EMPF; EMPF1; HDYNIV

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

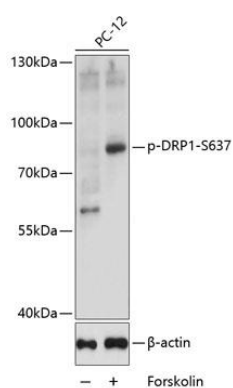
Immunogen:

A synthetic phosphorylated peptide around S637 of human DRP1 (NP_036192.2).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of PC-12 cells, using Phospho-DRP1-S637 antibody (CABP0812) at 1:1000 dilution. PC-12 cells were treated by Forskolin (30uM) for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (CABM00020). Exposure time: 20s.