

AP0812

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## Phospho-DRP1-S637 Rabbit pAb

Catalog No.: AP0812

13 Publications

### Basic Information

#### Observed MW

Refer to figures

#### Calculated MW

82kDa

#### Category

Polyclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Rat

### 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.

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

#### Gene ID

10059

#### Swiss Prot

O00429

#### Immunogen

A synthetic phosphorylated peptide around S637 of human DRP1 (NP\_036192.2).

#### Synonyms

DLP1; DRP1; DVLP; EMPF; OPA5; EMPF1; DYMPLE; HDYNIV; Phospho-DRP1-S637

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.