

## DNM1L

**Reactivity:** Human Mouse Rat Mk

**Tested applications:** WB IF IP

**Recommended Dilution:** WB 1:500 - 1:1000 IF1:20 - 1:50 IP1:20 - 1:50

**Calculated MW:** 82kDa

**Observed MW:** Refer to figures

**Immunogen:**

A synthetic peptide of human DNM1L

**Storage Buffer:**

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

**Concentration:**

bh

**Synonym:**

DLP1; DRP1; DVLP; EMPF; DYMPLE; HDYNIV;

**Catalog #:** A2470

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 10059

**Isotype:** IgG

**Swiss Prot:** O00429

**Purity:** Affinity purification

For research use only.

**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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