**Product Name: Phospho-DRP1 (Ser637) Rabbit Polyclonal Antibody**
**Catalog #: APRab00930**

## Summary

| | |
|---|---|
| **Production Name** | Phospho-DRP1 (Ser637) Rabbit Polyclonal Antibody |
| **Description** | Primary antibody |
| **Host** | Rabbit |
| **Application** | WB |
| **Reactivity** | Human |

## Performance

| | |
|---|---|
| **Conjugation** | Unconjugated |
| **Modification** | Phosphorylated |
| **Isotype** | IgG |
| **Clonality** | Polyclonal Antibody |
| **Form** | Liquid |
| **Storage** | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| **Buffer** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. |
| **Purification** | Affinity Purified |

## Immunogen

| | |
|---|---|
| **Gene Name** | DNM1L |
| **Alternative Names** | DNM1L; DLP1; DRP1; Dynamin-1-like protein; Dnm1p/Vps1p-like protein; DVLP; Dynamin family member proline-rich carboxyl-terminal domain less; Dymple; Dynamin-like protein; Dynamin-like protein 4; Dynamin-like protein IV; HdynIV; Dynamin-rela |
| **Gene ID** | 10059 |
| **SwissProt ID** | O00429 |

## Application

| | |
|---|---|
| **Dilution Ratio** | WB: 1/500-1/1000 |
| **Molecular Weight** | Calculated MW: 82 kDa; Observed MW: 82 kDa |

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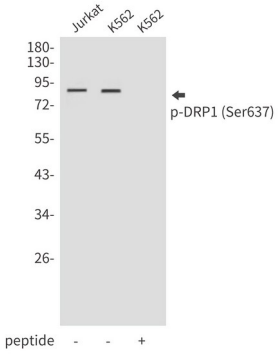
## Background

The protein encoded by this gene is a member of the dynamin superfamily of GTPases. Members of the dynamin-related subfamily, including the S. cerevisiae proteins Dnm1 and Vps1, contain the N-terminal tripartite GTPase domain but do not have the pleckstrin homology or proline-rich domains. This protein establishes mitochondrial morphology through a role in distributing mitochondrial tubules throughout the cytoplasm. The gene has 3 alternatively spliced transcripts encoding different isoforms. These transcripts are alternatively polyadenylated.

## Research Area

Neuroscience

## Image Data




Western blot analysis of Phospho-DRP1 (Ser637) in Jurkat lysates using Phospho-DRP1 (Ser637) antibody.

## Note

For research use only.