

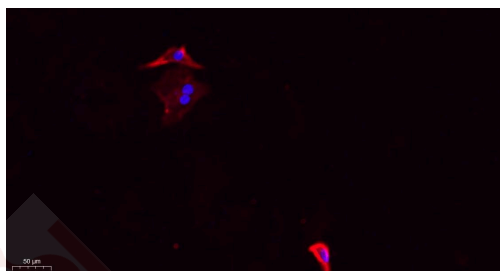
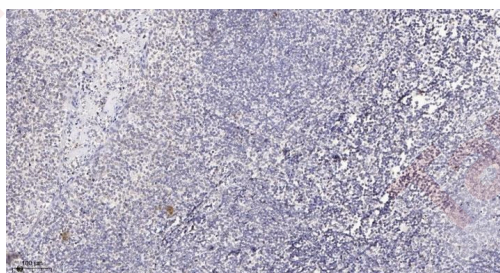
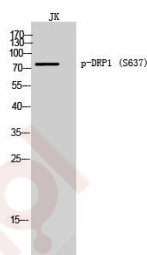
Anti-Phospho-DNM1L (Ser637) Polyclonal Antibody

Product Details

| | |
|-------------------|---|
| Ig Type: | IgG |
| Reactivity: | Human,Rat,Mouse |
| Conjugation: | Unconjugated |
| Molecular Weight: | Actual: 82 kDa. |
| Purification: | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

Applications

- Verified Activity:
1. Western Blot analysis of JK cells using Phospho-DRP1 (S637) Polyclonal Antibody.
 2. Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200 (4°C overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min).
 3. Immunofluorescence analysis of A549. 1,primary Antibody (red) was diluted at 1:200 (4°C overnight). 2, Goat Anti Rabbit IgG-Alexa Fluor 594 Secondary antibody was diluted at 1:1000 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min.



| | |
|--------------|---|
| Application: | ELISA,IF,IHC,WB |
| Recommended | WB: 1:500-2000; IHC: 1:100-300; IF: 1:100-300; ELISA: 1:20000 |

A DRUG SCREENING EXPERT

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: A synthesized phosphopeptide: human DRP1 around the phosphorylation site of Ser637

Antigen Species: human

Uniprot ID: O00429

Synonyms: DNM1L (p-S637);p-DNM1L (S637);p-DNM1L (Ser637);DNM1L (p-Ser637)

Research Background

Functions in mitochondrial and peroxisomal division. Mediates membrane fission through oligomerization into membrane-associated tubular structures that wrap around the scission site to constrict and sever the mitochondrial membrane through a GTP hydrolysis-dependent mechanism. Through its function in mitochondrial division, ensures the survival of at least some types of postmitotic neurons, including Purkinje cells, by suppressing oxidative damage. Required for normal brain development, including that of cerebellum. Facilitates developmentally regulated apoptosis during neural tube formation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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