# Mitofusin 2 Polyclonal Antibody

**Catalog No.** E-AB-64745

***Note:*** Centrifuge before opening to ensure complete recovery of vial contents.

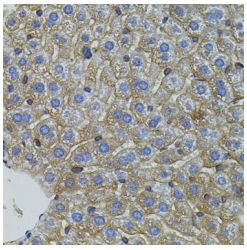
## Description

| | |
|---|---|
| **Reactivity** | Human,Mouse,Rat |
| **Immunogen** | Recombinant fusion protein of mouse Mitofusin 2 (NP_573464.2). |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Purification** | Affinity purification |
| **Conjugation** | Unconjugated |
| **Buffer** | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

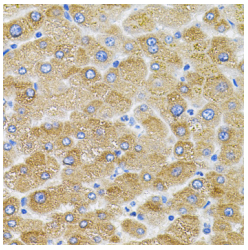
## Applications — Recommended Dilution

**IHC 1:50-1:200**

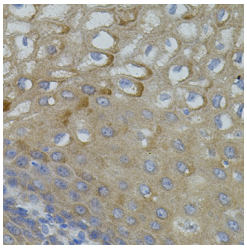
## Data



Immunohistochemistry of paraffin-embedded Mouse liver using Mitofusin 2 Polyclonal Antibody



Immunohistochemistry of paraffin-embedded Human liver damage using Mitofusin 2 Polyclonal Antibody



Immunohistochemistry of paraffin-embedded Human esophagus using Mitofusin 2 Polyclonal Antibody

## Preparation & Storage

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

## Background

This gene encodes a mitochondrial membrane protein that participates in mitochondrial fusion and contributes to the



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maintenance and operation of the mitochondrial network. This protein is involved in the regulation of vascular smooth muscle cell proliferation, and it may play a role in the pathophysiology of obesity. Mutations in this gene cause Charcot-Marie-Tooth disease type 2A2, and hereditary motor and sensory neuropathy VI, which are both disorders of the peripheral nervous system. Defects in this gene have also been associated with early-onset stroke. Two transcript variants encoding the same protein have been identified.



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