

A21293

Leader in Biomolecular Solutions for Life Science



Mitofusin-1/MFN1 Rabbit mAb

Catalog No.: A21293

Recombinant

5 Publications

Basic Information

Observed MW

84kDa

Calculated MW

84kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse

CloneNo number

ARC54223

Background

The protein encoded by this gene is a mediator of mitochondrial fusion. This protein and mitofusin 2 are homologs of the Drosophila protein fuzzy onion (Fzo). They are mitochondrial membrane proteins that interact with each other to facilitate mitochondrial targeting.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

Immunogen Information

Gene ID

55669

Swiss Prot

Q8IWA4

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 642-741 of human Mitofusin-1/MFN1 (NP_284941.2).

Synonyms

hfzo1; hfzo2; Mitofusin-1/MFN1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

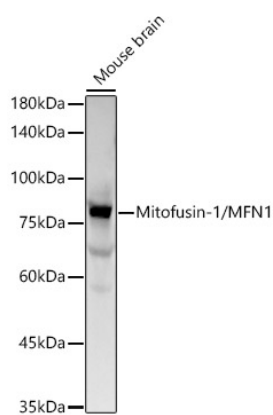
Affinity purification

Storage

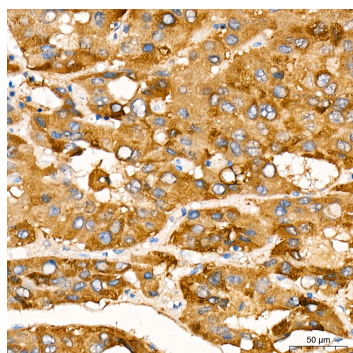
Store at -20°C. Avoid freeze / thaw cycles.

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

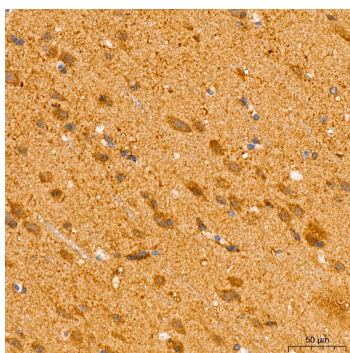
Validation Data



Western blot analysis of lysates from Mouse brain, using Mitofusin-1/MFN1 Rabbit mAb (A21293) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.



Immunohistochemistry analysis of Mitofusin-1/MFN1 in paraffin-embedded human liver cancer tissue using Mitofusin-1/MFN1 Rabbit mAb (A21293) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of Mitofusin-1/MFN1 in paraffin-embedded human brain tissue using Mitofusin-1/MFN1 Rabbit mAb (A21293) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.