Leader in Biomolecular Solutions for Life Science

www.abclonal.com

Mitofusin-1/MFN1 Rabbit mAb

Catalog No.: A21293 Recombinant 5 Publications

Basic Information

Observed MW
84kDa

Calculated MW
84kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P

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

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

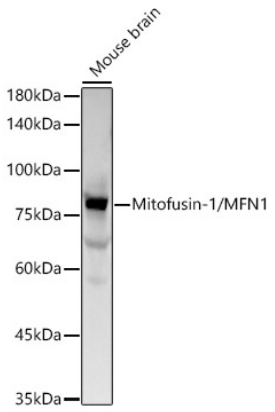
Source
Rabbit

Isotype
IgG

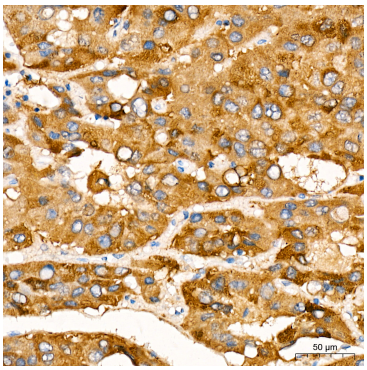
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

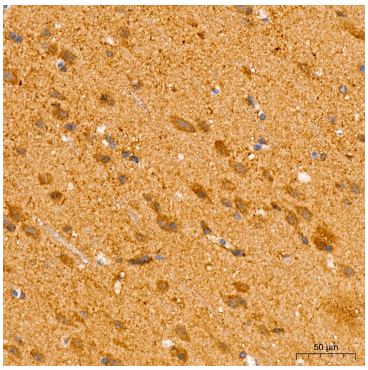
Validation Data



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.