

À des fins de recherche uniquement

Anticorps Recombinant de lapin anti-MFN2



Numéro de catalogue: 82673-2-RR

Informations de base

Numéro de catalogue:	82673-2-RR	Numéro d'acquisition GenBank:	BC017061	Méthode de purification:	Purification par protéine A
Taille:	100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI):	9927	CloneNo.:	2A5
Hôte:	Lapin	Nom complet:	mitofusin 2	Dilutions recommandées:	WB 1:5000-1:50000 IF 1:50-1:500
Isotype:	IgG	MW calculé	757 aa, 86 kDa		
Immunogen Catalog Number:	AG2845	MW observés:	86 kDa		

Applications

Applications testées:	IF, WB, ELISA	Contrôles positifs:	
Spécificité de l'espèce:	Humain, rat	WB :	cellules HepG2, cellules HSC-T6, cellules K-562, cellules NIH/3T3
		IF :	cellules HepG2,

Informations générales

Mitofusin-2 (MFN2), a mitochondrial membrane protein, is a dynamin-like GTPase embedded in the outer mitochondrial membrane (OMM) which plays a central role in regulating mitochondrial fusion and cell metabolism (PMID: 35399520; 34026850). There are two human mitofusin isoforms MFN1 and MFN2, MFN1 and MFN2 mediate outer membrane fusion, OPA1 is involved in inner membrane fusion, and DRP1 is responsible for mitochondrial fission (PMID: 17084350; 35399520). It has been shown that MFN2 participates in multiple cellular biological processes under physical and pathological conditions. Apart from mitochondria fusion, MFN2 is also involved in mitochondrial-ER contacts (MERCs), mitophagy, cellular apoptosis, and proliferation (PMID: 34026850).

Stockage

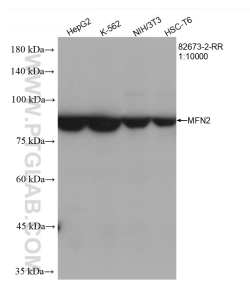
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

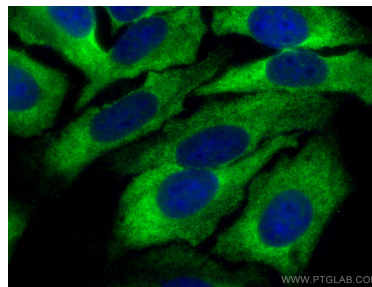
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 82673-2-RR (MFN2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using MFN2 antibody (82673-2-RR, Clone: 2A5) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).