

À des fins de recherche uniquement

Anticorps Monoclonal anti-NDUFS1

Numéro de catalogue: 68253-1-Ig



Informations de base

Numéro de catalogue: 68253-1-Ig	Numéro d'acquisition GenBank: BC030833	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 4719	CloneNo.: 3H5E8
Hôte: Mouse	Nom complet: NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa (NADH-coenzyme Q reductase)	Dilutions recommandées: WB 1:5000-1:50000 IF 1:400-1:1600
Isotype: IgG1	MW calculé 727 aa, 79 kDa	
Immunogen Catalog Number: AG3135	MW observés: 68-81 kDa	

Applications

Applications testées:
IF, WB, ELISA

Spécificité de l'espèce:
Humain, Lapin, porc, rat, souris

Contrôles positifs:

WB : tissu cérébral de porc, cellules HeLa, tissu cardiaque de porc, tissu cardiaque de rat, tissu cardiaque de souris, tissu cérébral de lapin, tissu cérébral de rat, tissu cérébral de souris

IF : cellules HepG2,

Informations générales

The multisubunit NADH:ubiquinone oxidoreductase (75 kDa subunit, mitochondrial)(NDUFS1) is the first enzyme complex in the electron transport chain of mitochondria. It is also named as Complex I-75kD. By use of chaotropic agents, complex I can be fragmented into 3 different fractions: a flavoprotein fraction, an iron-sulfur protein (IP) fraction, and a hydrophobic protein (HP) fraction. NDUFS1 is the largest subunit of complex I and it is a component of the iron-sulfur (IP) fragment of the enzyme. NDUFS1 has some isoforms with the molecular mass of 68-81 kDa.

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.**

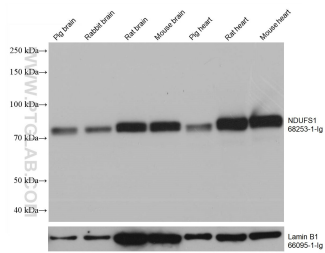
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

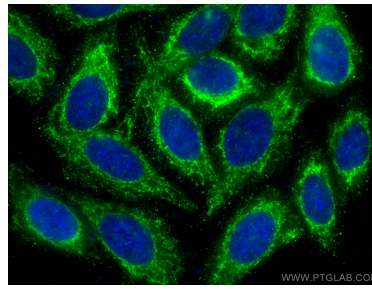
E: proteintech@ptglab.com
W: ptglab.com

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 68253-1-ig (NDUFS1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with Lamin B1 Monoclonal antibody (66095-1-ig) as loading control.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using NDUFS1 antibody (68253-1-ig, Clone: 3H5E8) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).