

Nur für Forschungszwecke

NDUFS1 Monoklonaler Antikörper

Katalog-Nr.:68253-1-Ig



Allgemeine Informationen

Katalog-Nr.: 68253-1-Ig	GenBank-Zugangsnummer: BC030833	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 4719	CloneNo.: 3H5E8
Wirt: Maus	Vollständiger Name: NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa (NADH- coenzyme Q reductase)	Empfohlene Verdünnungen: WB 1:5000-1:50000 IF 1:400-1:1600
Isotyp: IgG1	Berechnete Masse: 727 aa, 79 kDa	
Immunogen Katalognummer: AG3135	Beobachtete Masse: 68-81 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, WB, ELISA

Getestete Reaktivität:

Hausschwein, Human, Kaninchen, Maus, Ratte

Positivkontrollen:

WB : Hausschwein-Hirngewebe, Hausschwein-Herzgewebe, HeLa-Zellen, Kaninchenhirngewebe, Mausherzgewebe, Maushirngewebe, Rattenherzgewebe, Rattenhirngewebe

IF : HepG2-Zellen,

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

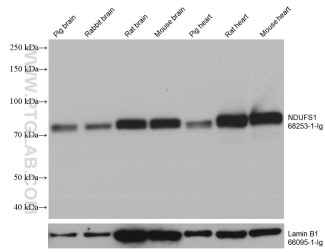
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

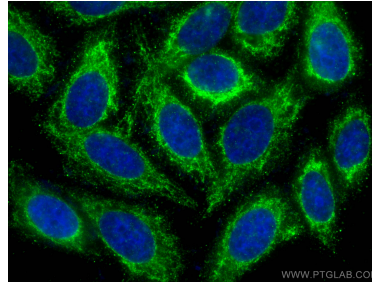
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



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).