

For Research Use Only

NDUFB11 Polyclonal antibody

Catalog Number: 16720-1-AP

Featured Product

10 Publications



Basic Information

Catalog Number: 16720-1-AP	GenBank Accession Number: BC107805	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 350 µg/ml by Nanodrop and 313 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54539	Recommended Dilutions: WB 1:1000-1:4000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Source: Rabbit	Full Name: NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 11, 17.3kDa	IHC 1:50-1:500 IF 1:20-1:200
Isotype: IgG	Calculated MW: 163 aa, 18 kDa	
Immunogen Catalog Number: AG10159	Observed MW: 18-20 kDa	

Applications

Tested Applications:
IF, IHC, IP, WB, ELISA

Cited Applications:
WB

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: HepG2 cells, mouse skeletal muscle tissue, rat skeletal muscle tissue

IP: mouse skeletal muscle tissue,

IHC: human kidney tissue,

IF: HepG2 cells,

Background Information

NDUFB11(NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 11, mitochondrial) is also named as neuronal protein 17.3(Np17.3) and belongs to the complex I NDUFB11 subunit family. This protein is involved in the transfer of electrons from NADH to the respiratory chain and play a role in the growth, maintenance, and survival of neurons. NDUFB11 has 2 isoforms produced by alternative splicing.

Notable Publications

Author	Pubmed ID	Journal	Application
Vanessa A van Rahden	25772934	Am J Hum Genet	WB
Yanchun Ji	32723871	J Biol Chem	WB
Michela Di Nottia	27460976	Clin Genet	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

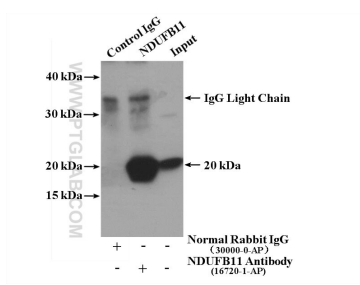
For technical support and original validation data for this product please contact:

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

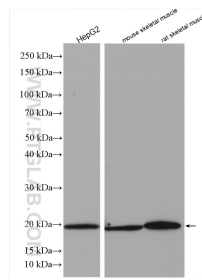
E: proteintech@ptglab.com
W: ptglab.com

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

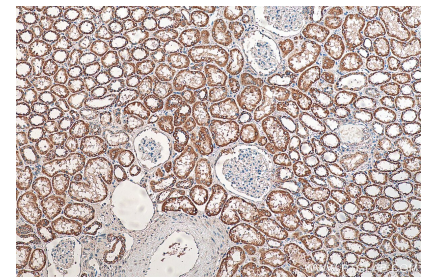
Selected Validation Data



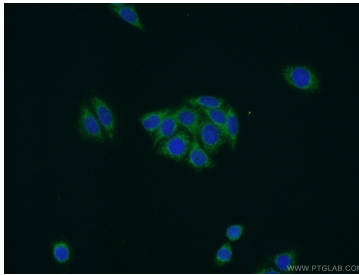
IP result of anti-NDUFB11 (IP:16720-1-AP, 4ug; Detection:16720-1-AP 1:500) with mouse skeletal muscle tissue lysate 4000 ug.



HepG2 cells were subjected to SDS PAGE followed by western blot with 16720-1-AP (NDUFB11 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 16720-1-AP (NDUFB11 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells using 16720-1-AP (NDUFB11 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).