

For Research Use Only

NDUFB8 Polyclonal antibody

Catalog Number: 14794-1-AP

Featured Product

40 Publications



Basic Information

Catalog Number:

14794-1-AP

Size:

650 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6495

GenBank Accession Number:

BC000466

GeneID (NCBI):

4714

UNIPROT ID:

O95169

Full Name:

NADH dehydrogenase (ubiquinone) 1
beta subcomplex, 8, 19kDa

Calculated MW:

22 kDa

Observed MW:

19-22 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:5000-1:50000

IP 0.5-4.0 µg for 1.0-3.0 mg of total
protein lysate

IHC 1:50-1:500

IF 1:50-1:500

Applications

Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse, zebrafish, pig

**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, A549 cells, various samples, 3T3-L1
cells, mouse brain tissue, mouse liver tissue, rat brain
tissue

IP: HepG2 cells,

IHC: human liver tissue, human heart tissue

IF: HepG2 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Marine C N M Blackman	36139533	Cancers (Basel)	WB
DeLong Yin	34497154	Aging (Albany NY)	WB
Kazuhide Takahashi	28890359	Exp Gerontol	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

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

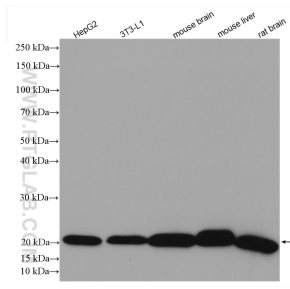
T: 4006900926

E: Proteintech-CN@ptglab.com

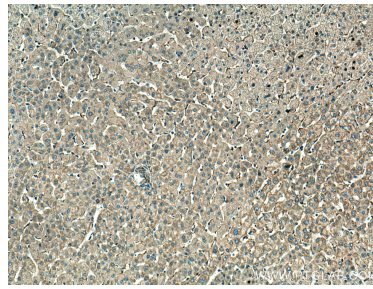
W: ptgcn.com

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

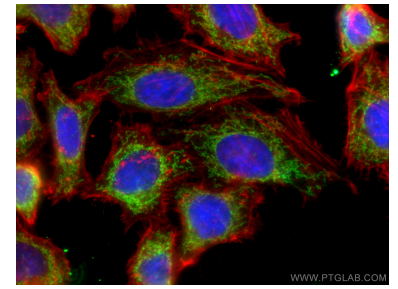
Selected Validation Data



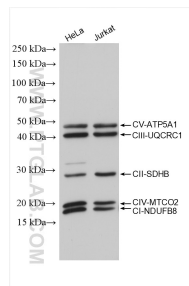
Various lysates were subjected to SDS PAGE followed by western blot with 14794-1-AP (NDUF8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



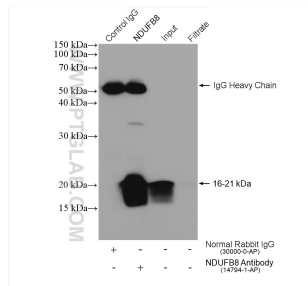
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 14794-1-AP (NDUF8 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



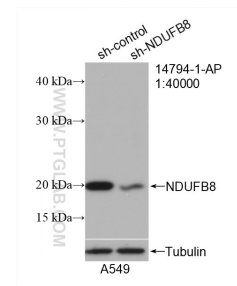
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NDUF8 antibody (14794-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with PK30006 (OXPHOS Cocktail (Human recommended)) at dilution of 1:4000 incubated at room temperature for 1 hours.



IP result of anti-NDUF8 (IP:14794-1-AP, 4ug; Detection:14794-1-AP 1:2000) with HepG2 cells lysate 880 ug.



WB result of NDUF8 antibody (14794-1-AP; 1:40000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NDUF8 transfected A549 cells.