

For Research Use Only

NDUFV3 Polyclonal antibody

Catalog Number: 13430-1-AP

5 Publications



Basic Information

Catalog Number:

13430-1-AP

Size:

150ul, Concentration: 200 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4234

GenBank Accession Number:

BC033766

GeneID (NCBI):

4731

UNIPROT ID:

P56181

Full Name:

NADH dehydrogenase (ubiquinone) flavoprotein 3, 10kDa

Calculated MW:

108 aa, 12 kDa

Observed MW:

10 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human

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, human heart tissue, human liver tissue

IHC : human placenta tissue, human kidney tissue

IF/ICC : HepG2 cells,

Background Information

NDUFV3(NADH dehydrogenase [ubiquinone] flavoprotein 3, mitochondrial) is also named as CI-9kD, Renal carcinoma antigen NY-REN-4 and belongs to the complex I NDUFV3 subunit family. It is an accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis.

Notable Publications

Author	Pubmed ID	Journal	Application
Rui Ju	30002095	J Pharmacol Exp Ther	WB
Marris G Dibley	27987311	FEBS Lett	WB
Jennifer Munkley	30271587	F1000Res	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)

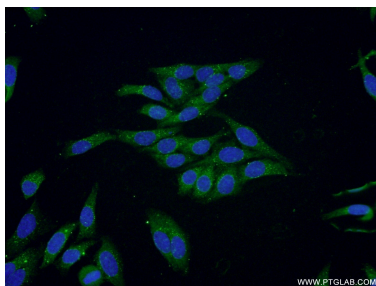
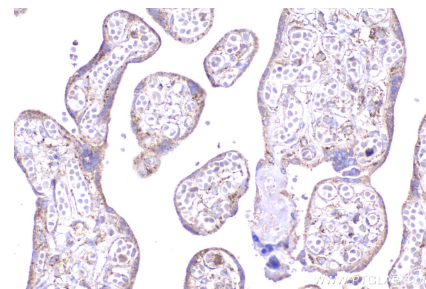
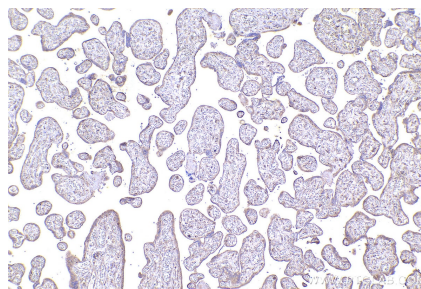
E: proteintech@ptglab.com
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Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 13430-1-AP (NDUFV3 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 13430-1-AP (NDUFV3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).