

For Research Use Only

NDUFV3 Polyclonal antibody

Catalog Number: 13430-1-AP **4 Publications**



Basic Information

Catalog Number: 13430-1-AP	GenBank Accession Number: BC033766	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 200 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4731	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:50-1:500
Source: Rabbit	Full Name: NADH dehydrogenase (ubiquinone) flavoprotein 3, 10kDa	
Isotype: IgG	Calculated MW: 108 aa, 12 kDa	
Immunogen Catalog Number: AG4234	Observed MW: 10 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : HepG2 cells, human heart tissue, human liver tissue
Species Specificity: human	IHC : human kidney tissue,
Cited Species: human	IF : HepG2 cells,

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

Background Information

NDUFV3(NADH dehydrogenase [ubiquinone] flavoprotein 3, mitochondrial) is also named as C1-9kD, 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**

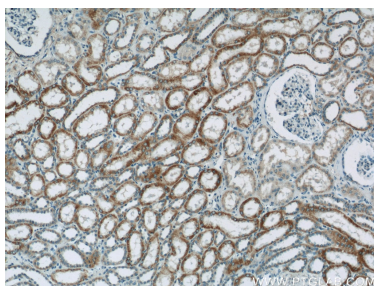
For technical support and original validation data for this product please contact:
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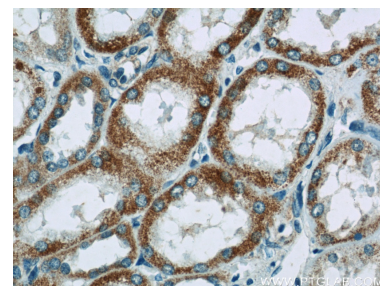
Selected Validation Data



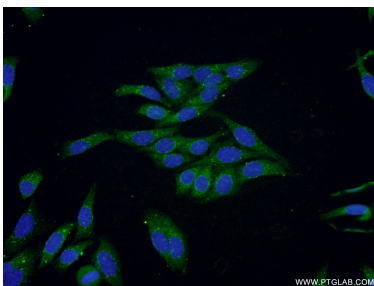
HepG2 cells were subjected to SDS PAGE followed by western blot with 13430-1-AP (NDUFV3 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 13430-1-AP (NDUFV3 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 13430-1-AP (NDUFV3 Antibody) at dilution of 1:50 (under 40x lens).



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).