

For Research Use Only

# NDUFV3 Polyclonal antibody

Catalog Number: 13430-1-AP

5 Publications



## Basic Information

<b>Catalog Number:</b> 13430-1-AP	<b>GenBank Accession Number:</b> BC033766	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 200 ug/ml	<b>GeneID (NCBI):</b> 4731	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500 IF/ICC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P56181	
<b>Isotype:</b> IgG	<b>Full Name:</b> NADH dehydrogenase (ubiquinone) flavoprotein 3, 10kDa	
<b>Immunogen Catalog Number:</b> AG4234	<b>Calculated MW:</b> 108 aa, 12 kDa	
	<b>Observed MW:</b> 10 kDa	

## 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

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

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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

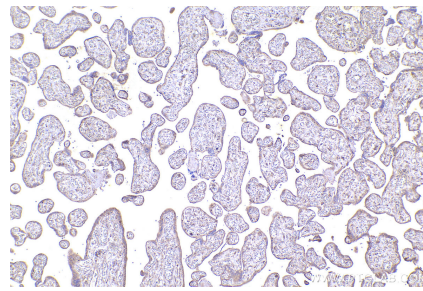
W: [ptgcn.com](http://ptgcn.com)

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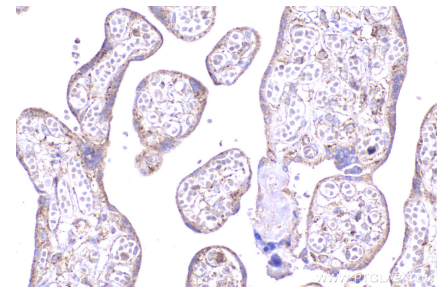
## Selected Validation Data



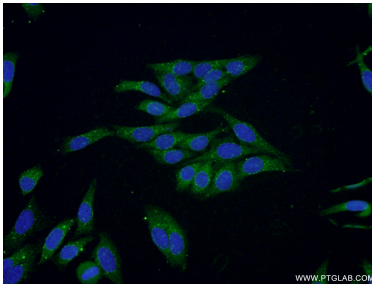
HepG2 cells were subjected to SDS PAGE followed by western blot with 13430-1-AP (NDUFV3 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 13430-1-AP (NDUFV3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 13430-1-AP (NDUFV3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).