

For Research Use Only

Multi-rAb® NDUFS3 Multi-Recombinant antibody

Catalog Number: RMX00096



Basic Information

Catalog Number: RMX00096	GenBank Accession Number: BC000617	Purification Method: N/A
Source: Rabbit	GeneID (NCBI): 4722	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	UNIPROT ID: O75489	IHC: 1:200-1:800 IF/ICC: 1:250-1:1000
	Full Name: NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (NADH- coenzyme Q reductase)	
	Calculated MW: 30 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

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, NIH/3T3 cells, K-562 cells, mouse brain tissue, rat brain tissue

IHC : human placenta tissue,

IF/ICC : HepG2 cells,

Background Information

NDUFS3(NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial) is also named as CI-30kD and belongs to the complex I 30 kDa subunit family. It catalyzes the oxidation of NADH, with the concomitant reduction of ubiquinone and ejection of protons out of the mitochondria(PMID:10967146). NDUFS3 can be used as a mitochondrial matrix control(PMID:17344420). The full length has a transit peptide with 36 amino acids.

Storage

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

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol.

Aliquoting is unnecessary for -20°C storage

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

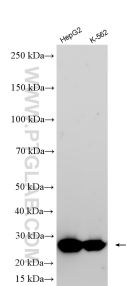
T: 4006900926

E: Proteintech-CN@ptglab.com

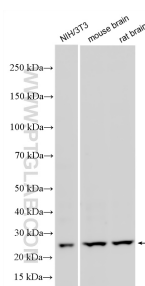
W: ptgcn.com

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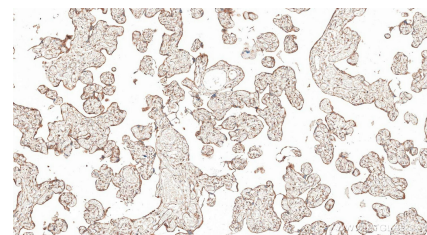
Selected Validation Data



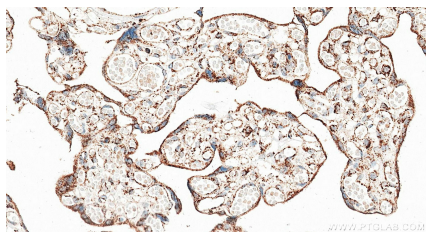
Various lysates were subjected to SDS PAGE followed by western blot with RMX00096 (NDUFS3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



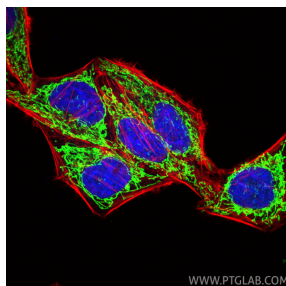
Various lysates were subjected to SDS PAGE followed by western blot with RMX00096 (NDUFS3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using RMX00096 (NDUFS3 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using RMX00096 (NDUFS3 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NDUFS3 antibody (RMX00096) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), (CoraLite®594-Phalloidin, red).