

For Research Use Only

NDUFAF4 Polyclonal antibody

Catalog Number: 26003-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

26003-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23365

GenBank Accession Number:

BC039464

GeneID (NCBI):

29078

UNIPROT ID:

Q9P032

Full Name:

NADH dehydrogenase (ubiquinone) 1
alpha subcomplex, assembly factor 4

Observed MW:

21 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : HEK-293 cells, MDA-MB-453s cells, K-562 cells

IHC : human liver tissue, human testis tissue

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

NDUFAF4 is a protein that in humans is encoded by the C6ORF66 gene. NDUFAF4 is an assembly factor of complex I. Mutation of this gene has been associated with congenital disorders of the mitochondrial respiratory chain (PMID: 18179882). NDUFAF4 was previously shown to promote breast cancer cell invasiveness. NDUFAF4 is a 20.2 kDa mitochondrial protein. Catalog#26003-1-AP specifically recognises the 20 kDa protein.

Notable Publications

Author	Pubmed ID	Journal	Application
Cong Wang	31721420	EMBO Rep	WB
Wenda Xi	33691786	Stem Cell Res Ther	WB
Wei Pan	33635491	Virus Genes	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:

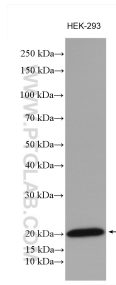
T: 4006900926

E: Proteintech-CN@ptglab.com

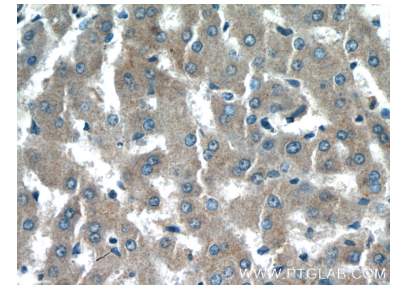
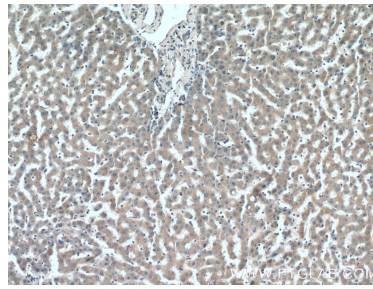
W: ptgcn.com

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Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 26003-1-AP (NDUFAF4 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 26003-1-AP (NDUFAF4 antibody) at dilution of 1:200 (under 40x lens).