

For Research Use Only

NDUFB3 Polyclonal antibody

Catalog Number: 12358-1-AP

1 Publications



Basic Information

Catalog Number:

12358-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 167 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3022

GenBank Accession Number:

BC018183

GeneID (NCBI):

4709

UNIPROT ID:

O43676

Full Name:

NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 3, 12kDa

Calculated MW:

98 aa, 11 kDa

Observed MW:

11 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

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 : human heart tissue, mouse heart tissue, rat heart tissue

IHC : human liver cancer tissue, human prostate cancer tissue

Background Information

NDUFB3(NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3) is also named as CI-B12 and belongs to the complex I NDUFB3 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
Yingqi Zhan	38118196	J Hazard Mater	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

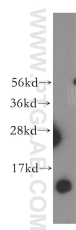
For technical support and original validation data for this product please contact:

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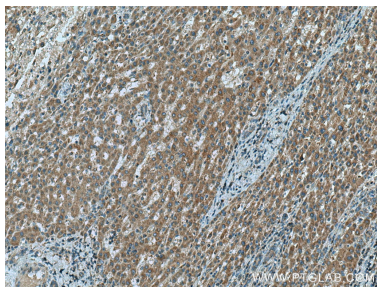
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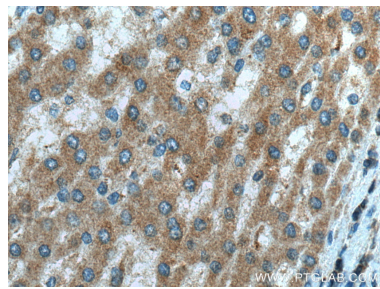
Selected Validation Data



human heart tissue were subjected to SDS PAGE followed by western blot with 12358-1-AP (NDUFB3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 12358-1-AP (NDUFB3 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 liver cancer tissue slide using 12358-1-AP (NDUFB3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).