

For Research Use Only

NDUFB3 Polyclonal antibody

Catalog Number: 12358-1-AP

1 Publications



Basic Information

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| Catalog Number: 12358-1-AP | GenBank Accession Number: BC018183 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 167 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 4709 | Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 |
| Source: Rabbit | Full Name: NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 3, 12kDa | |
| Isotype: IgG | Calculated MW: 98 aa, 11 kDa | |
| Immunogen Catalog Number: AG3022 | Observed MW: 11 kDa | |

Applications

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|--|--|
| Tested Applications: IHC, WB, ELISA | Positive Controls: |
| Cited Applications: WB | WB : human heart tissue, mouse heart tissue, rat heart tissue |
| Species Specificity: human, mouse, rat | IHC : human liver cancer tissue, human prostate cancer tissue |
| 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 | |

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

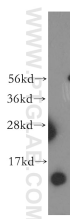
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

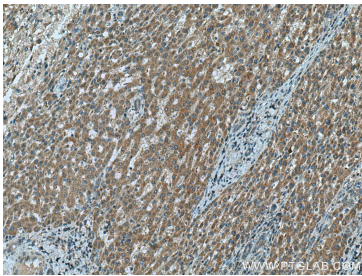
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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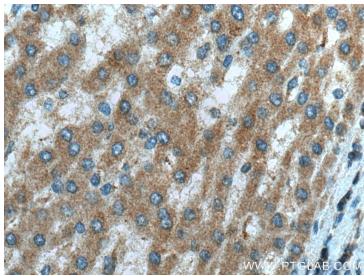
Selected Validation Data



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).