

For Research Use Only

NDUFA11 Polyclonal antibody

Catalog Number: 17879-1-AP

1 Publications



Basic Information

Catalog Number:

17879-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11746

GenBank Accession Number:

BC069045

GeneID (NCBI):

126328

UNIPROT ID:

Q86Y39

Full Name:

NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 11, 14.7kDa

Calculated MW:

141 aa, 15 kDa

Observed MW:

10-15 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HeLa cells, MDA-MB-231 cells, RT-4 cells, U-251 cells

Background Information

Mitochondrial complex I is assembled from 44 subunits into an L-shaped complex, with a hydrophobic arm embedded in the inner mitochondrial membrane and the other arm protruding into the mitochondrial matrix. NDUFA11 encodes a subunit of the membrane-bound mitochondrial complex I, and functions in assembly, stability, and regulation of the complex. Mutations in NDUFA11 are associated with severe mitochondrial complex I deficiency (PMID: 18306244).

Notable Publications

| Author | Pubmed ID | Journal | Application |
|---------|-----------|---------------|-------------|
| Wei Mao | 34639006 | Int J Mol Sci | 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

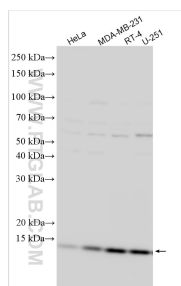
For technical support and original validation data for this product please contact:

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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 17879-1-AP (NDUFA11 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.