

For Research Use Only

NDUFA5 Recombinant antibody

Catalog Number: 85187-1-RR



Basic Information

Catalog Number:

85187-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9995

GenBank Accession Number:

BC000813

GeneID (NCBI):

4698

UNIPROT ID:

Q16718

Full Name:

NADH dehydrogenase (ubiquinone) 1
alpha subcomplex, 5, 13kDa

Calculated MW:

13 kDa

Observed MW:

13 kDa

Purification Method:

Protein A purification

CloneNo.:

242860B10

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, mouse brain tissue, HepG2 cells, HEK-293 cells, rat brain tissue, mouse heart tissue

Background Information

NDUFA5, also named as CI-13kD-B and NDUA5, belongs to the complex I NDUFA5 subunit family. It is accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which functions in the transfer of electrons from NADH to the respiratory chain. NDUFA5, an enrichment of mitochondrial protein, can be used as a mitochondrial marker protein (PMID:21360670).

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:

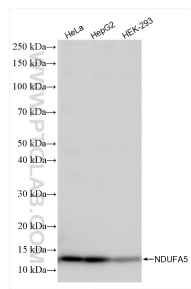
T: 4006900926

E: Proteintech-CN@ptglab.com

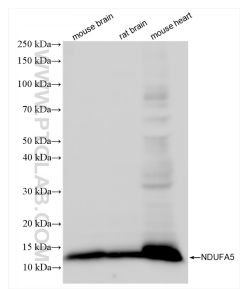
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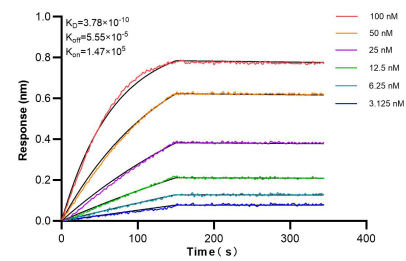
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85187-1-RR (NDUFA5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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Biolayer interferometry (BLI) kinetic assays of 85187-1-RR against Human NDUFAS5 were performed. The affinity constant is 0.378 nM.