

NDUA5 Rabbit pAb

CatalogNo: YN0921

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 12kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 10-90

Specificity NDUA5 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name NDUF5

Protein Name NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (Complex I subunit B13) (Complex I-13kD-B) (CI-13kD-B) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit)

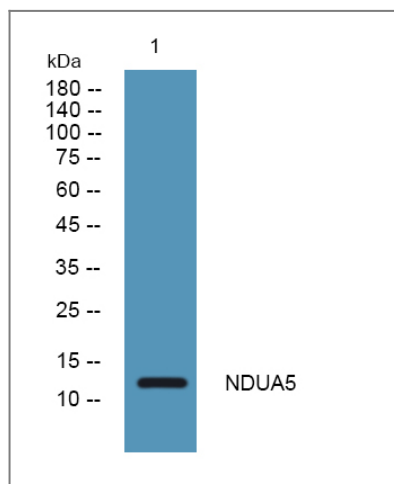
Organism	Gene ID	UniProt ID
Human	4698;	Q16718;
Mouse		Q9CPP6;
Rat		Q63362;

Cellular Localization Mitochondrion inner membrane ; Peripheral membrane protein ; Matrix side .

Tissue specificity Expressed in all tissues examined with highest levels in heart, skeletal muscle and brain.

Function Function:Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.,similarity:Belongs to the complex I NDUFA5 subunit family.,subunit:Complex I is composed of 45 different subunits.,tissue specificity:Expressed in all tissues examined with highest levels in heart, skeletal muscle and brain.,

Validation Data



Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4° over night

Contact information

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