

NDUAA Rabbit pAb

CatalogNo: YN0917

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 39kD (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: 50-130

Specificity

NDUAA Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

NDUFA10

Protein Name NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial (Complex I-42kD) (CI-42kD) (NADH-ubiquinone oxidoreductase 42 kDa subunit)

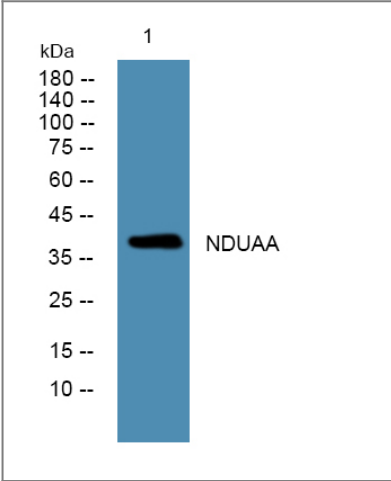
Organism	Gene ID	UniProt ID
Human	4705;	O95299;
Mouse		Q99LC3;
Rat		Q561S0;

Cellular Localization Mitochondrion matrix .

Tissue specificity Brain,Placenta,Skin,

Function cofactor:Binds 1 FAD per subunit.,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 NDUFA10 subunit family.,subunit:Complex I is composed of 45 different subunits. This a component of the hydrophobic protein fraction.,

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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