

NDUFS3 (ANT0048R) Rabbit mAb

CatalogNo: ANT8206 **Recombinant** 

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA
Quantity : 100 ug/vial

Host Species

- Rabbit
- Human,Mouse,Rat,

Reactivity

- WB,IHC,IF,IP,ELISA

Applications

MW

- 30kD (Calculated)
 - IgG,Kappa
- 30kD (Observed)

Isotype

Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:500-1:2000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200,

Storage

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

Basic Information

Clonality Monoclonal

Clone Number ANT0048R

Endogenous

Target Information

Gene nameNDUFS3

Protein NameNADH dehydrogenase [ubiquinone] iron-sulfur protein 3 mitochondrial

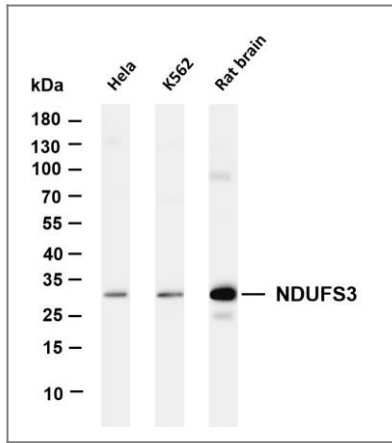
| Organism | Gene ID | UniProt ID |
|----------|------------------------|-------------------------|
| Human | 4722; | O75489; |
| Mouse | 68349; | Q9DCT2; |

Cellular LocalizationMitochondrion inner membrane

Tissue specificityBrain,Cajal-Retzius cell,Pituitary,Skin,Stomach mucosa,Uter

FunctionCatalytic activity:NADH + acceptor = NAD(+) + reduced acceptor.,Catalytic activity:NADH + ubiquinone = NAD(+) + ubiquinol.,Function:Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for 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 30 kDa subunit family.,subunit:Mammalian complex I is composed of 45 different subunits.,

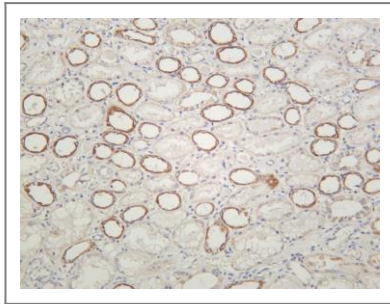
Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-NDUF3 (ANT0048R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: K562 Lane 3: Rat brain Predicted band size:

30kDa Observed band size: 30kDa

Human kidney was stained with anti-NDUF3 (ANT0048R) rabbit antibody



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