



Mouse Monoclonal Antibody **NDUFS3** conjugated to Sepharose Beads

CatalogNo: **ANT8206-S**

Size 200ul

Storage Store at 4 °C for frequent use

Description

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays.

NDUFS3 (ANT0048R) Rabbit mAb

Formulation: 50% slurry in PBS pH 7.2 with 0.01mg NaN₃ preservative.

Host Species

- Rabbit
- Human, Mouse, Rat,

Reactivity

- WB, IHC, IF, IP, ELISA

Applications

MW

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

Isotype

Recommended Dilution Ratios

IP

Basic Information

Clonality Monoclonal

Clone Number ANT0048R

Immunogen Information

Specificity Endogenous

Target Information

Gene name NDUFS3

Protein Name NADH dehydrogenase [ubiquinone] iron-sulfur protein 3 mitochondrial

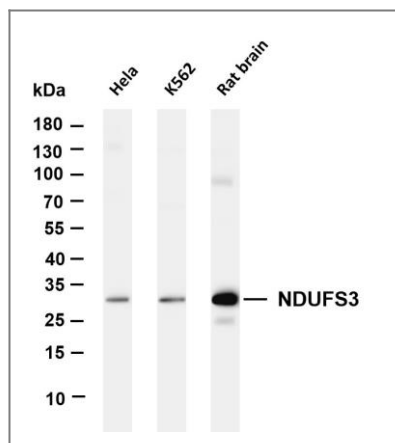
Organism	Gene ID	UniProt ID
Human	4722 ;	O75489 ;
Mouse	68349 ;	Q9DCT2 ;

Cellular Mitochondrion inner membrane
Localization

Tissue specificity Brain,Cajal-Retzius cell,Pituitary,Skin,Stomach mucosa,Uter

Function Catalytic 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.,

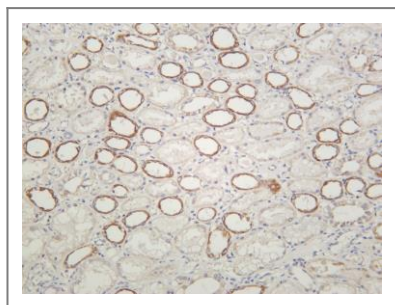
Validation Data



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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Contact Antagene Inc Tel 1-866-964-2589 Email: info@antageneinc.com