

NDUFB8 Recombinant antibody

Cat:B36115S

Company: HaoKebio

Uniprot ID:O95169

Applications: IHC:1:200-1:800

Organism:Rabbit

IHC-Polymer:1:800-1:3200

Species reactivity:Human Mouse Rat

IHC-TSA:1:1000-1:4000

Molecular Weight Calculation: 22 kDa

WB:1:5000-1:50000

Observed Molecular Weight: 19-22 kDa

IP:1ug for 1mg of total protein lysate

FC:1:200-1:600

Background:

NDUFB8 is a core component subunit of mitochondrial Complex I, which directly participates in the first step of the electron transport chain during oxidative phosphorylation: mediating electron transfer from NADH to ubiquinone, maintaining the structural integrity and enzymatic activity of Complex I. Its expression level is positively correlated with mitochondrial energy metabolism efficiency. Dysfunction of this target is closely associated with mitochondrial dysfunction-related diseases, such as neurodegenerative diseases, metabolic syndrome, and tumor metabolic reprogramming.

Synonyms:

230510B10, ASHI, CI ASHI, CIASHI, CI-ASHI

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

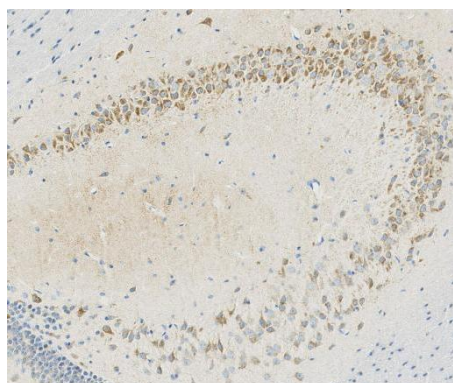
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse brain, 4% PFA 12-24h

Source of Reagents:

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