

# NDUFB8 Rabbit mAb

Catalog No.: A19732 **Recombinant** **4 Publications**

## Basic Information

### Observed MW

22kDa

### Calculated MW

22kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC2259

## Background

Involved in mitochondrial respiratory chain complex I assembly. Located in endoplasmic reticulum and mitochondrion. Part of mitochondrial respiratory chain complex I. Implicated in nuclear type mitochondrial complex I deficiency 32. Biomarker of Alzheimer's disease and Parkinson's disease.

## Recommended Dilutions

<b>WB</b>	1:1000 - 1:3000
<b>IHC-P</b>	1:50 - 1:200
<b>IF/ICC</b>	1:50 - 1:200

## Immunogen Information

### Gene ID

4714

### Swiss Prot

O95169

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-150 of human NDUFB8 (O95169).

### Synonyms

ASHI; CI-ASHI; MC1DN32; NDUFB8

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

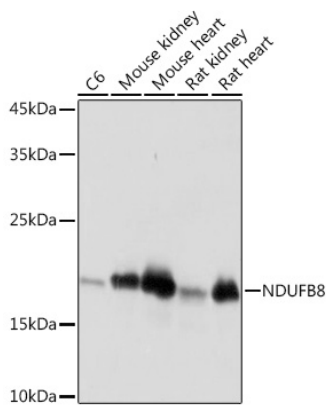
Affinity purification

### Storage

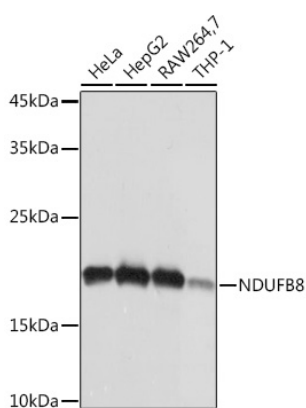
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

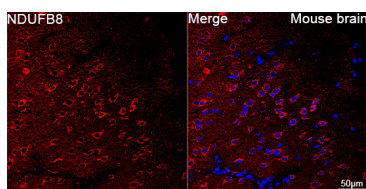
## Validation Data



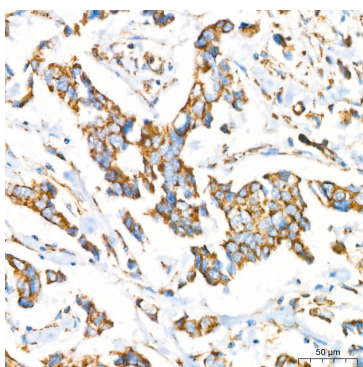
Western blot analysis of various lysates using NDUF8 Rabbit mAb (A19732) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



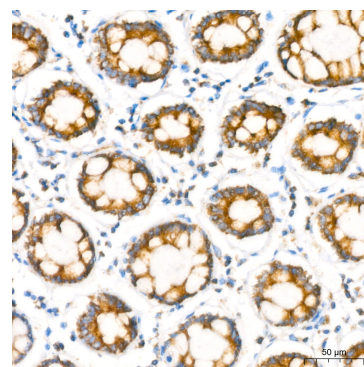
Western blot analysis of various lysates using NDUF8 Rabbit mAb (A19732) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Confocal imaging of paraffin-embedded Mouse brain using NDUF8 Rabbit mAb (A19732, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.

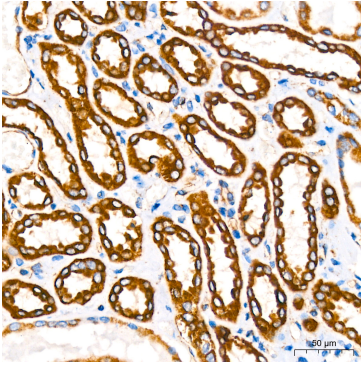


Immunohistochemistry analysis of NDUF8 in paraffin-embedded human breast cancer using NDUF8 Rabbit mAb (A19732) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

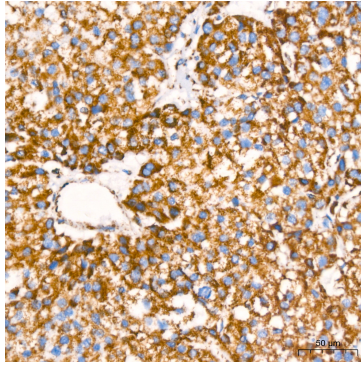


Immunohistochemistry analysis of NDUF8 in paraffin-embedded human colon using NDUF8 Rabbit mAb (A19732) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

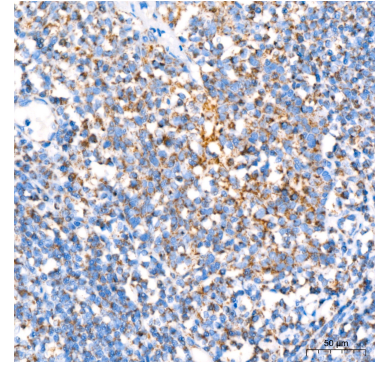
## Validation Data



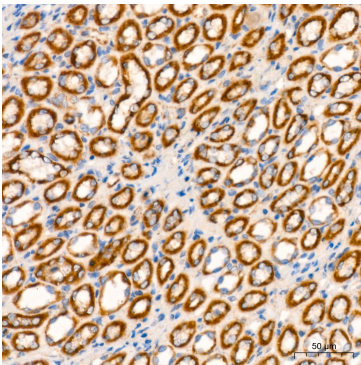
Immunohistochemistry analysis of NDUFB8 in paraffin-embedded human kidney using NDUFB8 Rabbit mAb (A19732) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



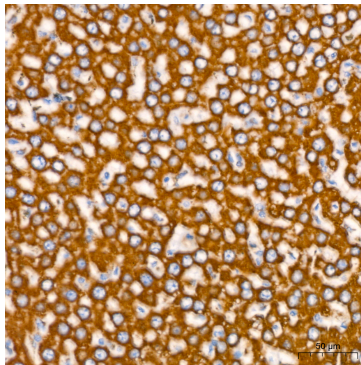
Immunohistochemistry analysis of NDUFB8 in paraffin-embedded human liver cancer using NDUFB8 Rabbit mAb (A19732) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of NDUFB8 in paraffin-embedded human tonsil using NDUFB8 Rabbit mAb (A19732) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of NDUFB8 in paraffin-embedded rat kidney using NDUFB8 Rabbit mAb (A19732) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of NDUFB8 in paraffin-embedded rat liver using NDUFB8 Rabbit mAb (A19732) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.