

NDUFB8 Rabbit mAb

Catalog No.: A19732 **Recombinant** **12 Publications**

Basic Information

Observed MW

22kDa

Calculated MW

22kDa

Category

Primary antibody

Applications

WB,IF/ICC,IF-P,IHC-P,ELISA

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

WB	1:1000 - 1:6000
IF/ICC	1:200 - 1:400
IF-P	1:200 - 1:2000
IHC-P	1:200 - 1:2000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Contact

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Immunogen Information

Gene ID

4714

Swiss Prot

O95169

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

ASHI; CI-ASHI; MC1DN32; NDUFB8

Product Information

Source

Rabbit

Isotype

IgG

Purification

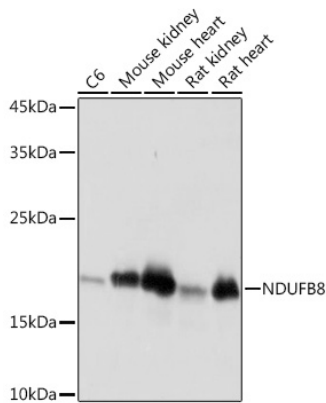
Affinity purification

Storage

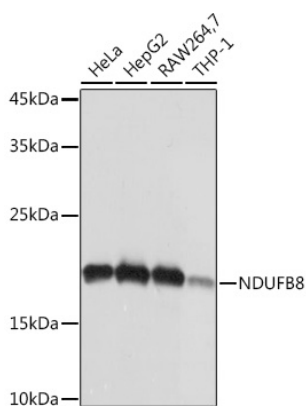
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

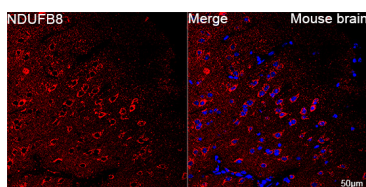
Validation Data



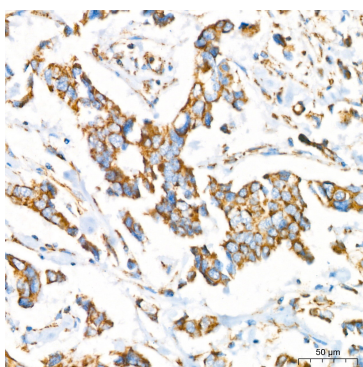
Western blot analysis of various lysates using NDUFB8 Rabbit mAb (A19732) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



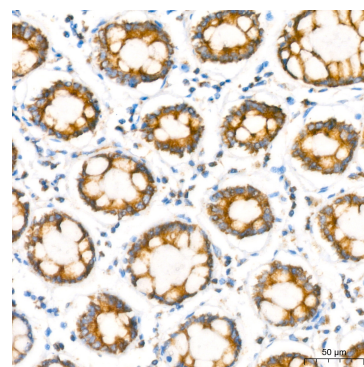
Western blot analysis of various lysates using NDUFB8 Rabbit mAb (A19732) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Confocal imaging of paraffin-embedded Mouse brain using NDUFB8 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.

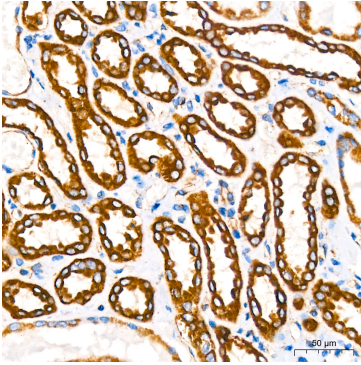


Immunohistochemistry analysis of paraffin-embedded Human breast cancer using NDUFB8 Rabbit mAb (A19732) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

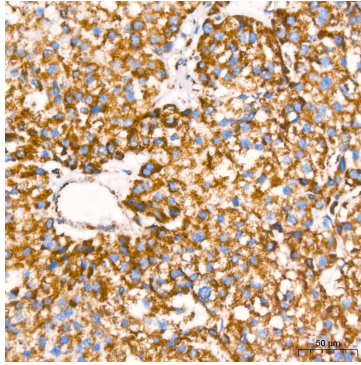


Immunohistochemistry analysis of paraffin-embedded Human colon using NDUFB8 Rabbit mAb (A19732) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

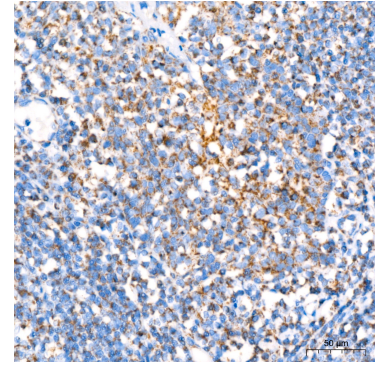
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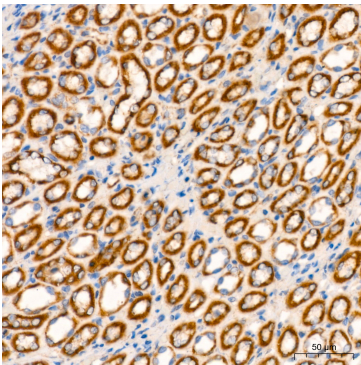
Immunohistochemistry analysis of paraffin-embedded Human kidney using NDUFB8 Rabbit mAb (A19732) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



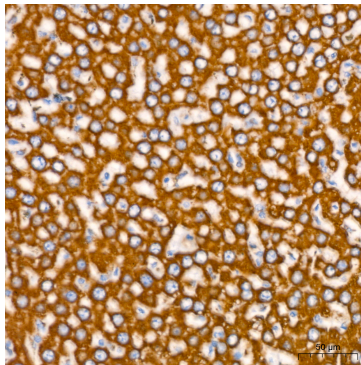
Immunohistochemistry analysis of paraffin-embedded Human liver cancer using NDUFB8 Rabbit mAb (A19732) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using NDUFB8 Rabbit mAb (A19732) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat kidney using NDUFB8 Rabbit mAb (A19732) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat liver using NDUFB8 Rabbit mAb (A19732) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.