

NDUFA4 Rabbit pAb

Catalog NO.: A15693 **3 Publications**

Basic Information

Observed MW

12kDa

Calculated MW

9kDa

Category

Polyclonal Antibodies

Applications

WB, IHC-P, IF/ICC, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Background

The protein encoded by this gene belongs to the complex I 9kDa subunit family. Mammalian complex I of mitochondrial respiratory chain is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:100 - 1:500
IF/ICC	1:50 - 1:100

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID	Swiss Prot
4697	O00483

Immunogen

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

Synonyms

MLRQ; CI-9k; COXFA4; MISTR1; MRCAF1; CI-MLRQ; MC4DN21; NDUFA4

Contact

Product Information

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☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

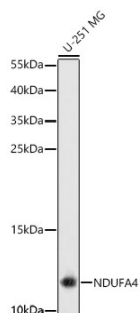
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from U-251 MG cells using NDUFA4 Rabbit pAb (A15693) at 1:1000 dilution.

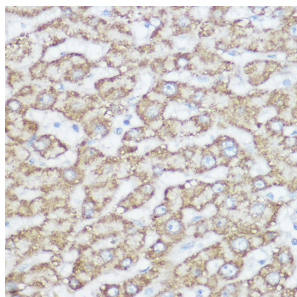
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates / proteins: 25 µg per lane.

Blocking buffer: 3 % nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded Human liver using NDUFA4 Rabbit pAb (A15693) at dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

