NDUFAB1 Rabbit mAb

Catalog No.: A21114 Recombinant 1 Publications



Basic Information

Observed MW

10kDa

Calculated MW

17kDa

Category

Primary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC3068

Background

Predicted to enable acyl binding activity; acyl carrier activity; and fatty acid binding activity. Involved in mitochondrial respiratory chain complex I assembly and protein lipoylation. Located in mitochondrion and nucleoplasm. Part of mitochondrial respiratory chain complex I. Colocalizes with mitochondrial large ribosomal subunit.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

ELISA Recommended starting concentration is 1 μg/mL.

Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID4706

Swiss Prot

014561

Immunogen

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

Synonyms

ACP; ACP1; SDAP; FASN2A; NDUFAB1

Contact

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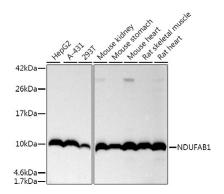
Product Information

SourceIsotypePurificationRabbitIgGAffinity 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.

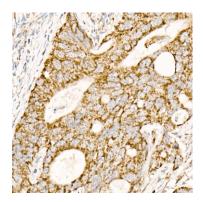


Western blot analysis of various lysates using NDUFAB1 Rabbit mAb (A21114) at1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: $25\mu g$ per lane.

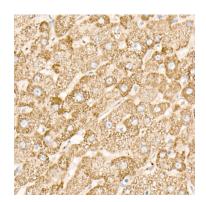
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.



Immunohistochemistry analysis of paraffinembedded Human colon carcinoma using NDUFAB1 Rabbit mAb (A21114) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human liver using NDUFAB1 Rabbit mAb (A21114) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.