UQCRC2 Rabbit pAb

Catalog No.: A4181 13 Publications



Basic Information

Observed MW

48kDa

Calculated MW

48kDa

Category

Primary antibody

Applications

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

Cross-Reactivity

Human, Mouse, Rat

Background

The protein encoded by this gene is located in the mitochondrion, where it is part of the ubiquinol-cytochrome c reductase complex (also known as complex III). This complex constitutes a part of the mitochondrial respiratory chain. Defects in this gene are a cause of mitochondrial complex III deficiency nuclear type 5.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

IF/ICC 1:50 - 1:200

IP 0.5μg-4μg antibody for 200μg-400μg extracts of

whole cells

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 ID7385

Swiss Prot
P22695

Immunogen

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

Synonyms

QCR2; UQCR2; MC3DN5; UQCRC2

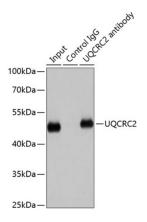
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

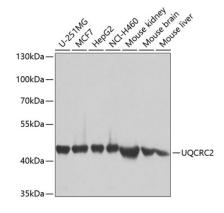
Storage

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

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



Immunoprecipitation analysis of 200 μg extracts of HepG2 cells using 1 μg UQCRC2 antibody (A4181). Western blot was performed from the immunoprecipitate using UQCRC2 antibody (A4181) at a dilution of 1:1000.



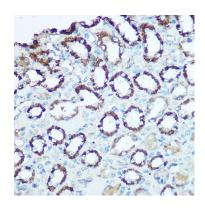
Western blot analysis of various lysates using UQCRC2 Rabbit pAb (A4181) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

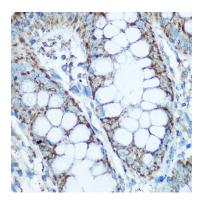
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Immunohistochemistry analysis of paraffinembedded Rat kidney using UQCRC2 Rabbit pAb (A4181) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human colon using UQCRC2 Rabbit pAb (A4181) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.