

UQCRC2 Rabbit pAb

Catalog No.: A4181 **3 Publications**

Basic Information

Observed MW

48kDa

Calculated MW

48kDa

Category

Primary antibody

Applications

WB,IHC,IP

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	1:50 - 1:100
IP	1:50 - 1:200

Immunogen Information

Gene ID

7385

Swiss Prot

P22695

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 224-453 of human UQCRC2 (NP_003357.2).

Synonyms

UQCRC2;MC3DN5;QCR2;UQCR2

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

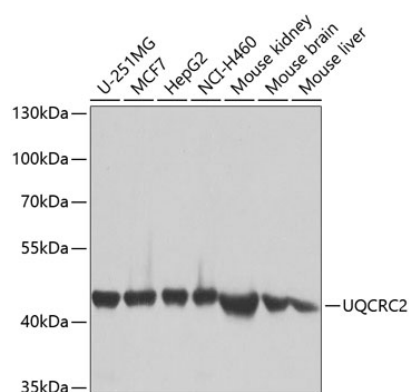
Affinity purification

Storage

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

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

Validation Data



Western blot analysis of extracts of various cell lines, using UQCRC2 antibody (A4181) at 1:1000 dilution.

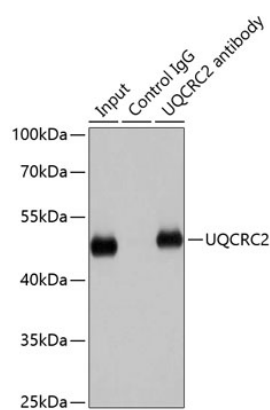
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

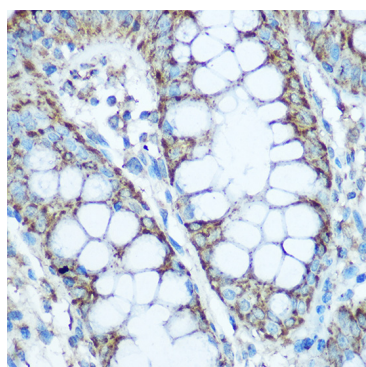
Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.

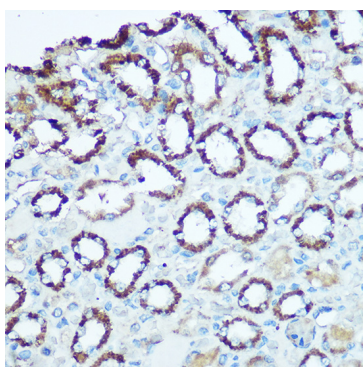


Immunoprecipitation analysis of 200ug extracts of HepG2 cells using 1ug UQCRC2 antibody (A4181).

Western blot was performed from the immunoprecipitate using UQCRC2 antibody (A4181) at a dilution of 1:1000.



Immunohistochemistry of paraffin-embedded human colon using UQCRC2 Rabbit pAb (A4181) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded rat kidney using UQCRC2 Rabbit pAb (A4181) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.