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UQCRC1 Rabbit pAb

Catalog No.: A3339 **3 Publications**

Basic Information

Observed MW
53kDa

Calculated MW
53kDa

Category
Primary antibody

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

Cross-Reactivity
Human, Mouse, Rat

Background

Enables ubiquitin protein ligase binding activity. Predicted to be involved in oxidative phosphorylation. Predicted to act upstream of or within mitochondrial electron transport, ubiquinol to cytochrome c. Located in mitochondrion. Implicated in Alzheimer's disease. Biomarker of Alzheimer's disease.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
IF/ICC	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 ID
7384

Swiss Prot
P31930

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

Synonyms
QCR1; PKNPY; UQCR1; D3S3191; UQCRC1

Contact

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Product Information

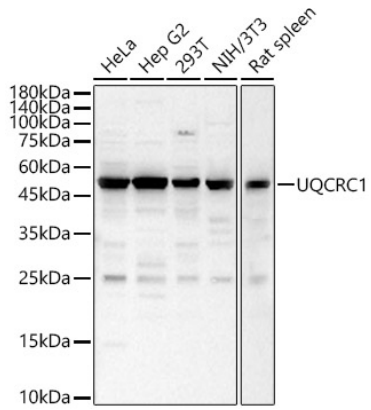
Source
Rabbit

Isotype
IgG

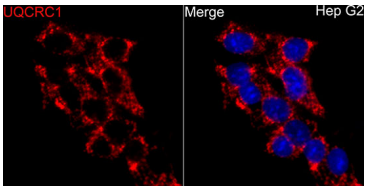
Purification
Affinity purification

Storage
Store at -20℃. 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.

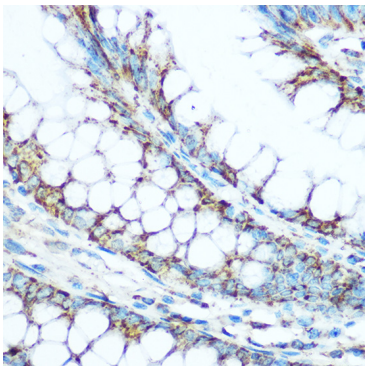
Validation Data



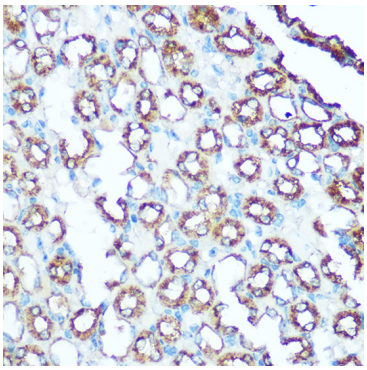
Western blot analysis of various lysates, using UQCRC1 Rabbit pAb (A3339) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Immunofluorescence analysis of HepG2 cells using UQCRC1 Rabbit pAb (A3339) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Human colon using UQCRC1 Rabbit pAb (A3339) 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 paraffin-embedded Mouse kidney using UQCRC1 Rabbit pAb (A3339) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.