UQCR10 Rabbit pAb

Catalog No.: A12587

Basic Information

Observed MW
10kDa

Calculated MW
7kDa

Category
Primary antibody

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

Cross-Reactivity
Human, Mouse, Rat

Background

UCRC is a subunit of mitochondrial complex III (ubiquinol-cytochrome c reductase; EC 1.10.2.2), which forms the middle segment of the respiratory chain of the inner mitochondrial membrane (Schagger et al., 1995 [PubMed 8592474]).

Recommended Dilutions

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

Immunogen Information

Gene ID
29796

Swiss Prot
Q9UDW1

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 1-63 of human UQCR10 (NP_037519.2).

Synonyms
QCR9; UCRC; HSPC051; HSPC119; HSPC151; UCCR7.2; UQCR10

Contact

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Product Information

Source
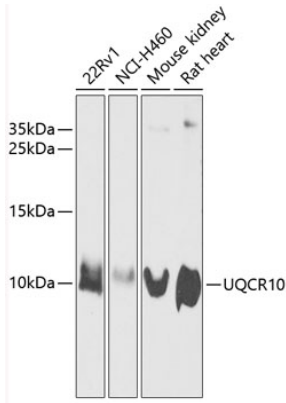Rabbit

Isotype
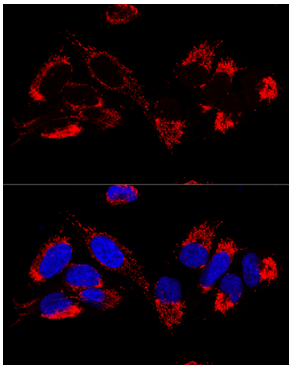IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
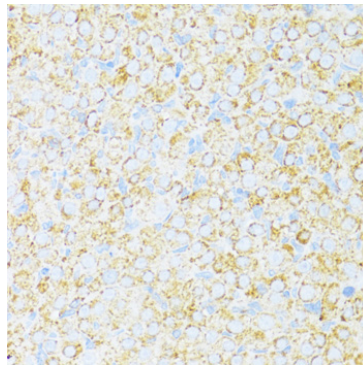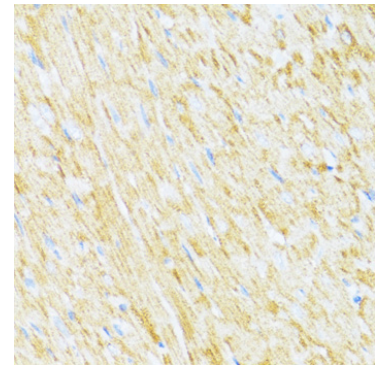
Validation Data

Western blot analysis of various lysates using UQCR10 Rabbit pAb (A12587) at 1:1000 dilution.
Secondary antibody: HRP 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 Enhanced Kit (RM00021).
Exposure time: 30s.

Confocal immunofluorescence analysis of U2OS cells using UQCR10 Rabbit pAb (A12587) at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunohistochemistry analysis of paraffin-embedded rat ovary using UQCR10 Rabbit pAb (A12587) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Immunohistochemistry analysis of paraffin-embedded rat heart using UQCR10 Rabbit pAb (A12587) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.