

UQCRC1 Rabbit pAb

CatalogNo: YT7734

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA, IHC

MW

- 53kD (Calculated)

Isotype

- IgG

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-300

ELISA 1:2000-20000

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human QCR1 AA range: 164-214

Specificity

This antibody detects endogenous levels of QCR1 at Human/Mouse/Rat

Target Information

Gene name

UQCRC1

Protein Name QCR1

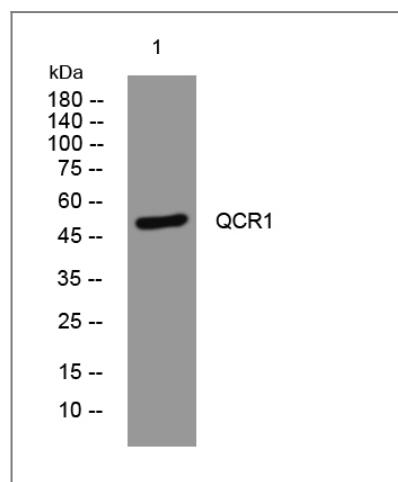
Organism	Gene ID	UniProt ID
Human	7384 ;	P31930 ;
Mouse	22273 ;	Q9CZ13 ;
Rat	301011 ;	Q68FY0 ;

Cellular Localization Mitochondrion inner membrane ; Peripheral membrane protein ; Matrix side .

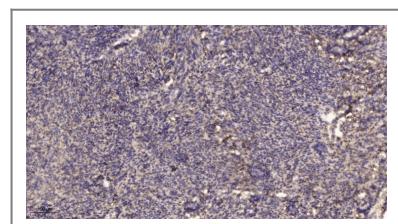
Tissue specificity Expressed in brain, including substantia nigra, striatum, cortex and cerebellum, and in spinal cord, heart, kidney, liver and muscle.

Function Caution:Does not seem to have a protease activity as it lack the zinc-binding site.,Function:This is a component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is part of the mitochondrial respiratory chain. This protein may mediate formation of the complex between cytochromes c and c1.,similarity:Belongs to the peptidase M16 family. UQCRC1/QCR1 subfamily.,subunit:The bc1 complex contains 11 subunits: 3 respiratory subunits (cytochrome b, cytochrome c1 and Rieske/UQCRCFS1), 2 core proteins (UQCRC1/QCR1 and UQCRC2/QCR2) and 6 low-molecular weight proteins (UQCRC1/QCR6, UQCRC2/QCR7, UQCRC3/QCR8, UQCRC4/QCR9, UQCRC5/QCR10 and a cleavage product of Rieske/UQCRCFS1)..

Validation Data



Western blot analysis of lysates from 293T cells, primary antibody was diluted at 1:1000, 4°over night



Immunohistochemical analysis of paraffin-embedded human uterus. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

Contact information

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