

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 .

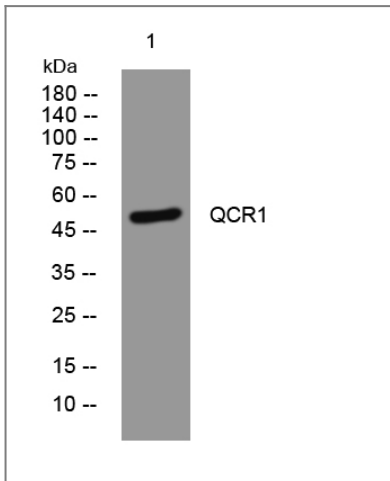
Tissue specificity

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

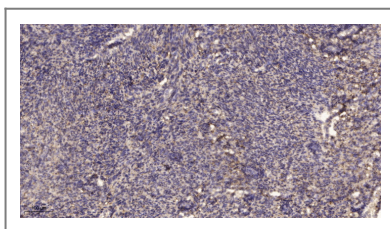
Function

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/UQCRFS1) , 2 core proteins (UQCRC1/QCR1 and UQCRC2/QCR2) and 6 low-molecular weight proteins (UQCRH/QCR6 , UQCRB/QCR7 , UQCRQ/QCR8 , UQCR10/QCR9 , UQCR11/QCR10 and a cleavage product of Rieske/UQCRFS1) . ,

Validation Data



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



Immunohistochemical analysis of paraffin-embedded human uterus. 1, Antibody was diluted at 1:200 (4°C 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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