

For Research Use Only

UQCRB Polyclonal antibody

Catalog Number: 10756-1-AP

Featured Product

16 Publications



Basic Information

Catalog Number:

10756-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1127

GenBank Accession Number:

BC005230

GeneID (NCBI):

7381

UNIPROT ID:

P14927

Full Name:

ubiquinol-cytochrome c reductase
binding protein

Calculated MW:

14 kDa

Observed MW:

14 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total
protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

WB : mouse heart tissue, rat heart tissue

IP : mouse heart tissue,

IHC : human breast cancer tissue, human kidney tissue,
human ovary tumor tissue

Background Information

UQCRB(ubiquinol-cytochrome c reductase binding protein) is also named as UQBP, complex III subunit VII and belongs to the UQCRB/QCR7 family. It is a 13.4 kDa subunit of mitochondrial complex III, plays a crucial role in hypoxia-induced angiogenesis via mitochondrial reactive oxygen species (ROS)-mediated signaling(PMID:21215626). This protein has 2 isoforms produced by alternative splicing.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaowen Xu	36071491	Proteome Sci	WB
Yingyan Han	27239088	Dis Markers	WB
Qing Zhang	35594990	Free Radic Biol Med	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

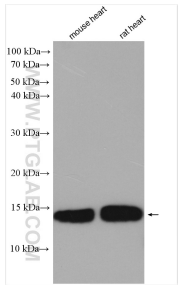
T: 4006900926

E: Proteintech-CN@ptglab.com

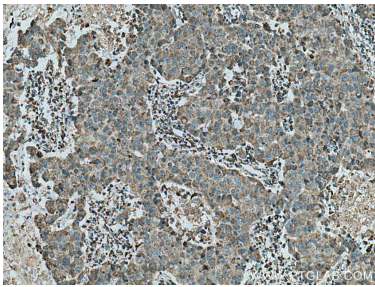
W: ptgcn.com

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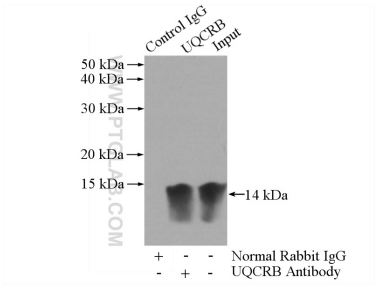
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10756-1-AP (UQCRB antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10756-1-AP (UQCRB antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-UQCRB (IP:10756-1-AP, 3ug; Detection:10756-1-AP 1:600) with mouse heart tissue lysate 3200ug.