

For Research Use Only

# UQCC2 Polyclonal antibody

Catalog Number: 25781-1-AP

3 Publications



## Basic Information

### Catalog Number:

25781-1-AP

### Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG22710

### GenBank Accession Number:

BC006007

### GeneID (NCBI):

84300

### UNIPROT ID:

Q9BRT2

### Full Name:

chromosome 6 open reading frame

125

### Calculated MW:

126 aa, 15 kDa

### Observed MW:

14 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB

### Species Specificity:

human

### 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 : HEK-293 cells,

IHC : human liver cancer tissue, human breast cancer tissue

IF/ICC : MCF-7 cells,

## Background Information

UQCC2, also named as C6orf125, MNF1, Mitochondrial protein M19 and Breast cancer-associated protein SGA-81M, plays a role in the modulation of respiratory chain activities. It's a mitochondrial protein.

## Notable Publications

Author	Pubmed ID	Journal	Application
Evanthia Pangou	34010649	Cell Rep	WB
René G Feichtinger	28804536	Oxid Med Cell Longev	WB
Yunfan He	38318358	iScience	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

\*\*\* 20ul sizes contain 0.1% BSA

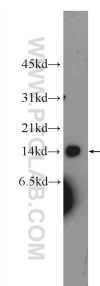
For technical support and original validation data for this product please contact:

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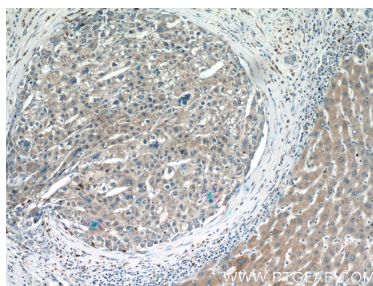
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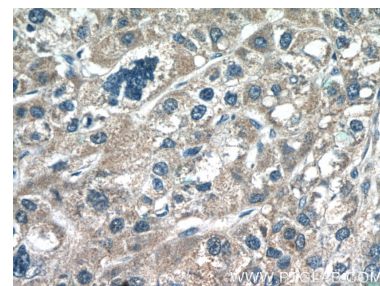
## Selected Validation Data



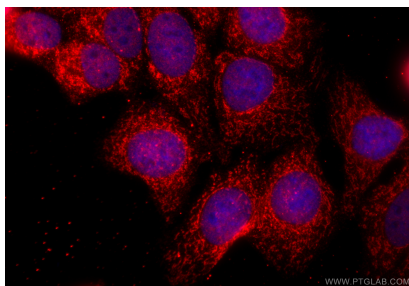
HEK-293 cells were subjected to SDS PAGE followed by western blot with 25781-1-AP (UQCC2 antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 25781-1-AP (UQCC2 antibody at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 25781-1-AP (UQCC2 antibody at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using UQCC2 antibody (25781-1-AP) at dilution of 1:400 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4).