

For Research Use Only

# UQCC2 Polyclonal antibody

Catalog Number: 25781-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 25781-1-AP	<b>GenBank Accession Number:</b> BC006007	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 350 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 84300	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200 IF 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9BRT2	
<b>Isotype:</b> IgG	<b>Full Name:</b> chromosome 6 open reading frame 125	
<b>Immunogen Catalog Number:</b> AG22710	<b>Calculated MW:</b> 126 aa, 15 kDa	
	<b>Observed MW:</b> 14 kDa	

## Applications

<b>Tested Applications:</b> WB, IF, IHC, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, IHC : human liver cancer tissue, human breast cancer tissue IF : HepG2 cells,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> 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**

## 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

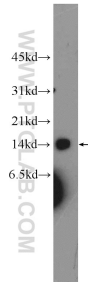
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

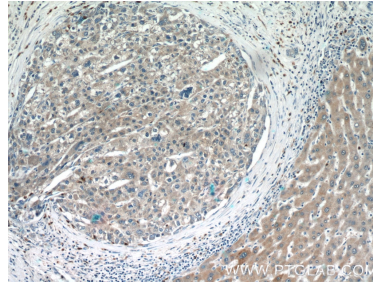
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

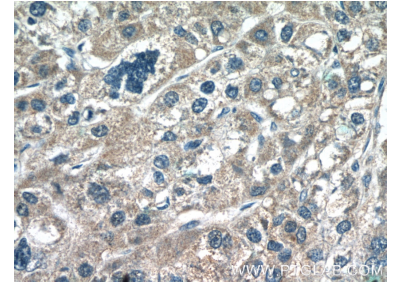
## Selected Validation Data



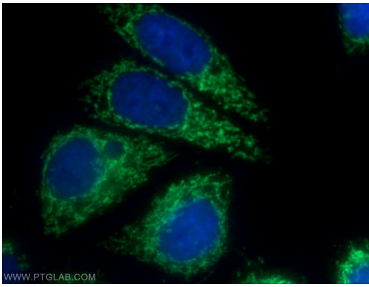
HEK-293 cells were subjected to SDS PAGE followed by western blot with 25781-1-AP (UQCC2 antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.



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 HepG2 cells using 25781-1-AP (UQCC2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).