

For Research Use Only

UQCC Polyclonal antibody

Catalog Number: 28114-1-AP



Basic Information

Catalog Number:

28114-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG27123

GenBank Accession Number:

BC105791

GeneID (NCBI):

55245

UNIPROT ID:

Q9NVA1

Full Name:

ubiquinol-cytochrome c reductase complex chaperone

Calculated MW:

299 aa, 35 kDa

Observed MW:

21-27 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human

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 : HeLa cells, HepG2 cells, K-562 cells, MCF-7 cells, LNCaP cells

IHC : human intrahepatic cholangiocarcinoma tissue, human ovary cancer tissue

Background Information

UQCC is a transmembrane protein that is structurally similar to the mouse basic fibroblast growth factor repressed ZIC-binding protein. In mouse this protein may be involved in fibroblast growth factor regulated growth control. In humans, polymorphisms in this gene are associated with variation in human height and osteoarthritis. Alternate splicing results in multiple transcript variant.

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

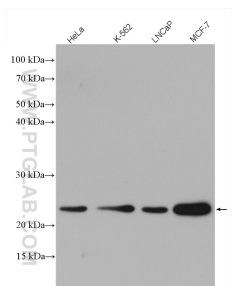
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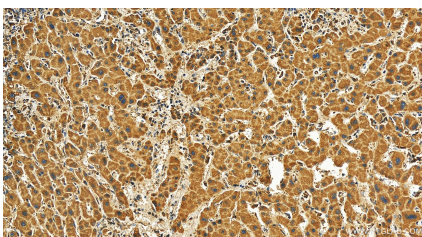
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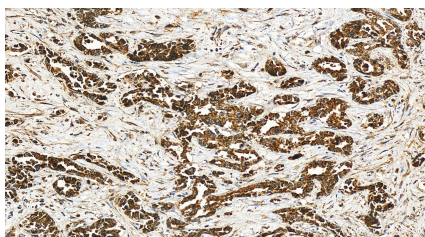
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28114-1-AP (UQCC antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 28114-1-AP (UQCC antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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