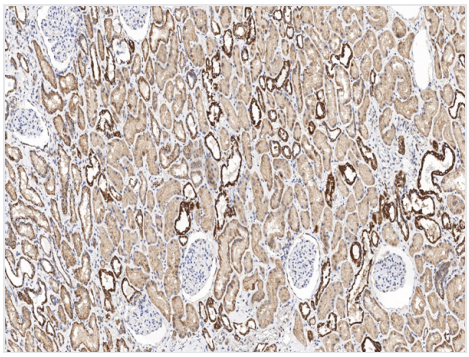
UQCRH Antibody – Rabbit Polyclonal

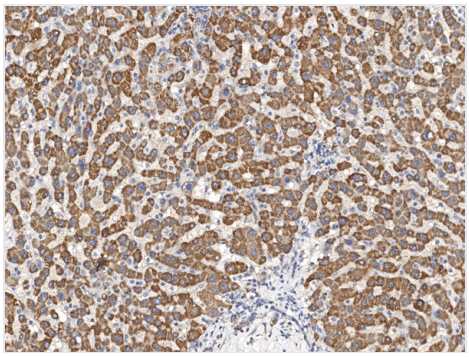
PRODUCT OVERVIEW

Product Name	UQCRH, Polyclonal Antibody
Full Product Name	UQCRH Antibody, Rabbit PAb, Antigen Affinity Purified
Product Gene Name	anti-UQCRH antibody
Product Synonym Names	Anti-UQCRH Antibody, Rabbit Polyclonal; ubiquinol-cytochrome c reductase hinge protein; Anti-QCR6 Antibody; Anti-UQCR8 Antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. PBS, pH7.0 with 0.03% Proclin300
Purity/Purification	Protein A & Antigen Affinity
Specificity	Human UQCRH
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.
Immunogen	E Coli-derived Human UQCRH fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human UQCRH fragment, and purified by antigen affinity chromatography.
Applications Tested/Suitable for anti-UQCRH antibody	Immunohistochemistry-Paraffin (IHC-P)
Application Notes for anti-UQCRH antibody	IHC-P: 1:50-1:200
Related Product Information for anti-UQCRH antibody	Background: Ubiquinol-cytochrome c reductase hinge protein (UQCRH), as a connecter between cytochrome c1 with cytochrome c in complex III of the respiratory chain, is the top-ranked hypermethylated gene in clear cell renal cell carcinoma (ccRCC). UQCRH is a novel protein that localizes in the mitochondrial membrane and induces mitochondrial reactive oxygen species (ROS) generation and consists of the cytochrome bc1 complex serving respiration in mitochondria. Alterations in mitochondrial respiration contribute to the development and progression of cancer via abnormal biogenesis, including the generation of reactive oxygen species. Serum UQCRH could be a potential test biomarker for lung adenocarcinoma. UQCRH is a potential independent favorable prognostic factor for recurrence and survival of patients with clear cell renal cell carcinoma (ccRCC) after nephrectomy.
Product References and Citations for anti-UQCRH antibody	Park ER, et al. (2017) The mitochondrial hinge protein, uqcrh, is a novel prognostic factor for hepatocellular carcinoma. Cancer Med 6 (4): 749-760. Liu WS, et al. (2016) Prognostic significance of ubiquinol-cytochrome c reductase hinge protein expression in patients with clear cell renal cell carcinoma. Am J Cancer Res 6 (4): 797-805. Gao F, et al. (2016) Identification of ubiquinol cytochrome c reductase hinge (uqcrh) as a potential diagnostic biomarker for lung adenocarcinoma. Open Biol 6 (6): 150256.
Other Notes	Small volumes of anti-UQCRH antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for UQCRH purchase	MBS8123701 is an antibody targeting UQCRH. Also known as UQCRH Antibody, Rabbit PAb, Antigen Affinity Purified. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-UQCRH antibody
Immunochemical staining of human UQCRH in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



Immunohistochemistry (IHC) of anti-UQCRH antibody
Immunochemical staining of human UQCRH in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UQCRH. It may not necessarily be applicable to this product.

Protein Family	Probable cytochrome b-c1 complex
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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