

Rabbit anti-Human UQCRH Polyclonal Antibody | anti-UQCRH antibody

UQCRH Antibody, Rabbit PAb, Antigen Affinity Purified

CATALOG # AAA258286	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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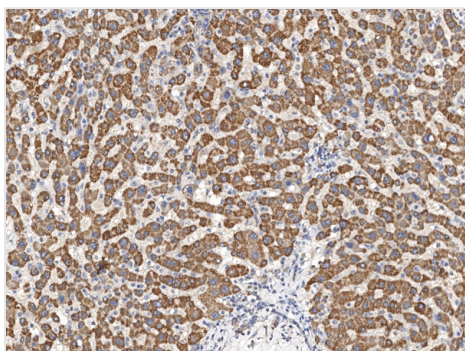
PRODUCT SYNONYMS

UQCRH; Polyclonal Antibody; UQCRH Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-UQCRH Antibody; Rabbit Polyclonal; ubiquinol-cytochrome c reductase hinge protein; Anti-QCR6 Antibody; Anti-UQCR8 Antibody; anti-UQCRH antibody

PRODUCT SPECIFICATIONS

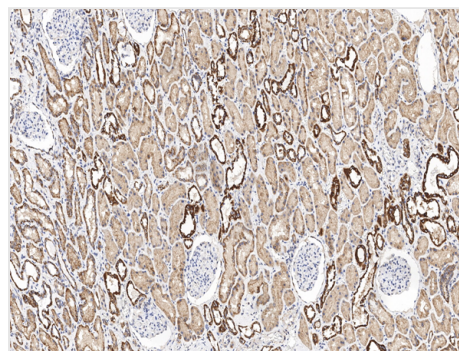
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human UQCRH
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid. PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-UQCRH antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human UQCRH fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human UQCRH fragment, and purified by antigen affinity chromatography.
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.

IMAGES



IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

Related Product Information for anti-UQCRH antibody	Background: Ubiquinol-cytochrome c reductase hinge protein (UQCRH), as a connector 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.
References	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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/uqcrh-antibody-immunohistochemistry-elisa/258286>