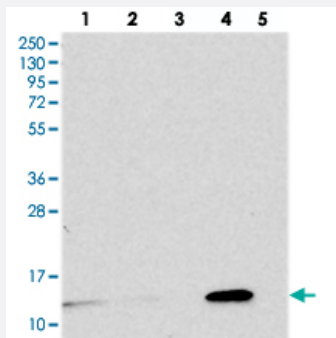


UQCRB polyclonal antibody

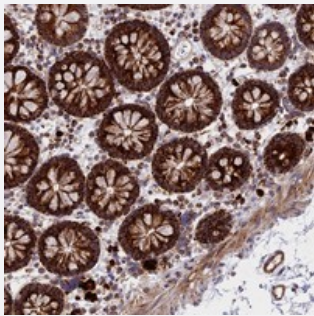
Catalog # PAB24004 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with UQCRB polyclonal antibody (Cat # PAB24004).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human colon with UQCRB polyclonal antibody (Cat # PAB24004) shows strong cytoplasmic positivity in glandular cells.

Specification

| | |
|----------------------------|--|
| Product Description | Rabbit polyclonal antibody raised against recombinant UQCRB. |
| Immunogen | Recombinant protein corresponding to amino acids of human UQCRB. |
| Sequence | LPENLYNDRMFRIKRALDLNLKHQILPKEQWTKYEEENFYLEPYLKEVIRERKEREWAKK |
| Host | Rabbit |
| Reactivity | Human |
| Form | Liquid |
| Purification | Antigen affinity purification |

| | |
|---------------------|--|
| Isotype | IgG |
| Recommend Usage | Immunohistochemistry (1:200-1:500) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide) |
| Storage Instruction | Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing. |
| Note | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Applications

- Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with UQCRB polyclonal antibody (Cat # PAB24004).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human colon with UQCRB polyclonal antibody (Cat # PAB24004) shows strong cytoplasmic positivity in glandular cells.

Gene Info — UQCRB

| | |
|--------------------|---|
| Entrez GeneID | 7381 |
| Protein Accession# | P14927 |
| Gene Name | UQCRB |
| Gene Alias | FLJ92016, FLJ97033, QCR7, QP-C, QPC, UQBC, UQBP, UQPC |
| Gene Description | ubiquinol-cytochrome c reductase binding protein |
| Omim ID | 124000 191330 |
| Gene Ontology | Hyperlink |
| Gene Summary | This gene encodes a protein which is part of the ubiquinol-cytochrome c oxidoreductase complex which contains ten nuclear-encoded and one mitochondrial-encoded subunits. The encoded protein binds ubiquinone and participates in the transfer of electrons when ubiquinone is bound. Mutations in this gene are associated with mitochondrial complex III deficiency. A pseudogene has been described on the X chromosome. [provided by RefSeq] |

Other Designations

complex III subunit 7|complex III subunit VII|ubiquinol-cytochrome c reductase complex 14 kDa protein|ubiquinone-binding protein

Pathway

- [Cardiac muscle contraction](#)
- [Metabolic pathways](#)
- [Oxidative phosphorylation](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)