

Product datasheet for **AP54480PU-N**

UQCRB (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1:1;000. Western blot: 1:100~500. Immunohistochemistry on paraffin sections: 1:10~50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 18-47 amino acids from the Central region of human UQCRB
Specificity:	This antibody detects UQCRB (Center).
Formulation:	PBS with 0.09% (W/V) sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	ubiquinol-cytochrome c reductase binding protein
Database Link:	Entrez Gene 7381 Human P14927

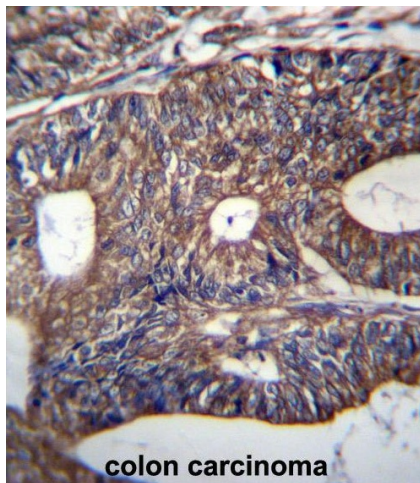


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- Background:** This gene encodes a protein which is part of the ubiquinol-cytochrome c oxidoreductase complex which contains ten nuclear-encoded and one mitochondrial-encoded subunits. The encoded protein binds ubiquinone and participates in the transfer 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.
- Synonyms:** UQBP, QP-C, Ubiquinol-cytochrome c reductase complex 14 kDa protein, Cytochrome b-c1 complex subunit 7
- Note:** **Molecular Weight:** 13530 Da
- Protein Pathways:** Alzheimer's disease, Cardiac muscle contraction, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

Product images:

UQCRB Antibody (Center) western blot analysis in NCI-H292 cell line lysates (35 ug/lane). This demonstrates the UQCRB antibody detected the UQCRB protein (arrow).



UQCRB Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of UQCRB Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.