

Product datasheet for **AP54479PU-N**

UQCRB (Center) Rabbit Polyclonal Antibody

Product data:

| | |
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| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | ELISA: 1:1;000. Western blot: 1:100~500. |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | Ig |
| Clonality: | Polyclonal |
| Immunogen: | KLH conjugated synthetic peptide between 33-61 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 |
| 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. |



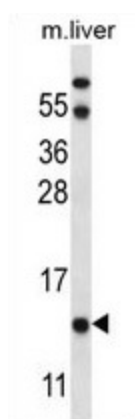
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Synonyms: UQBP, QP-C, Ubiquinol-cytochrome c reductase complex 14 kDa protein, Cytochrome b-c1 complex subunit 7

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 mouse liver tissue lysates (35 ug/lane). This demonstrates the UQCRB antibody detected the UQCRB protein (arrow).