

# UQCRC1 Polyclonal Antibody

Catalog Number: E-AB-62257

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

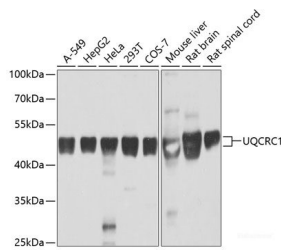
## Description

<b>Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant fusion protein of human UQCRC1 (NP_003356.2).
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Applications Recommended Dilution

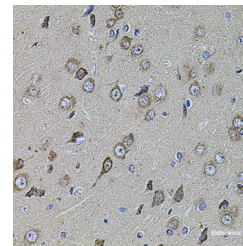
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:200

## Data

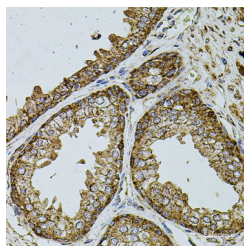


Western blot analysis of extracts of various cell lines using UQCRC1 Polyclonal Antibody at dilution of 1:1000.

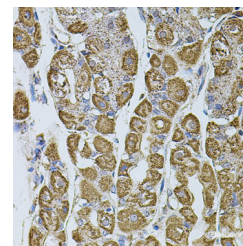
**Observed Mw:53kDa**  
**Calculated Mw:52kDa**



Immunohistochemistry of paraffin-embedded Rat brain using UQCRC1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human prostate using UQCRC1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human stomach using UQCRC1 Polyclonal Antibody at dilution of 1:100 (40x lens).

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

UQCRC1 (Ubiquinol-Cytochrome C Reductase Core Protein 1) is a Protein Coding gene. Diseases associated with UQCRC1 include Leukodystrophy, Hypomyelinating, 4 and Alzheimer Disease. Among its related pathways are

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Respiratory electron transport, ATP synthesis by chemiosmotic coupling, and heat production by uncoupling proteins, and Cardiac muscle contraction. Gene Ontology (GO) annotations related to this gene include ubiquitin protein ligase binding and ubiquinol-cytochrome-c reductase activity. An important paralog of this gene is PMPCB.

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