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Datasheet for ABIN6149960
anti-UQCRB antibody (AA 1-111)

1 Image

Overview

Quantity:	100 µL
Target:	UQCRB
Binding Specificity:	AA 1-111
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UQCRB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-111 of human UQCRB (NP_006285.1).
Sequence:	MAGKQAVSAS GKWLDGIRKW YYNAAGFNKL GLMRDDTIYE DEDVKEAIRR LPENLYNDRM FRIKRALDLN LKHQILPKEQ WTKYEEENFY LEPYLKEVIR ERKEREWAK K
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	UQCRB
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Target Details

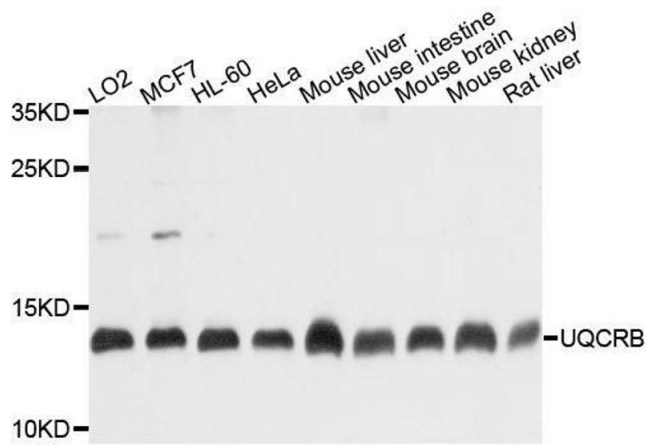
Alternative Name:	UQCRB (UQCRB Products)
Background:	<p>This gene encodes a subunit of the ubiquinol-cytochrome c oxidoreductase complex, which consists of one mitochondrial-encoded and 10 nuclear-encoded subunits. The protein encoded by this gene binds ubiquinone and participates in the transfer of electrons when ubiquinone is bound. This protein plays an important role in hypoxia-induced angiogenesis through mitochondrial reactive oxygen species-mediated signaling. Mutations in this gene are associated with mitochondrial complex III deficiency. Alternatively spliced transcript variants have been found for this gene. Related pseudogenes have been identified on chromosomes 1, 5 and X.,UQCRB,MC3DN3,QCR7,QP-C,QPC,UQBC,UQBP,UQCR6,UQPC,Signal Transduction,Cell Biology & Developmental Biology,Endocrine & Metabolism,Mitochondrial metabolism,Cytochromes,Mitochondrial markers,Lipid Metabolism,Cytochromes,Lipases,Neuroscience,Neurodegenerative Diseases,Cardiovascular,Lipids,UQCRB</p>
Molecular Weight:	13 kDa/16 kDa
Gene ID:	7381
UniProt:	P14927

Application Details

Application Notes:	WB,1:1000 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using UQCRB antibody.