SunLong Biotech Co.,LTD
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[Primary Antibody]

Recombinant Rabbit Anti-UQCRFS1 Monoclonal Antibody

Catalog Number: SLA0886M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	10C1
GeneID:	7386
SWISS:	P47985
Target:	UQCRFS1
Immunogen:	Recombinant human UQCRFS1 protein
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:200-1000) IHC-F (1:200-1000) IF (1:200-1000) IP (1:20-100) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Subcellular Location:	Cytoplasm
Background:	UQCRFS1 is an iron-sulfur Rieske protein belongs to major subunits of cytochrome b6f complex of photosynthetic membranes and is encoded by petA gene. A hydrophobic stretch next to N-terminus of the protein is considered as a transmembrane anchor for the Rieske protein. It had been shown that the Rieske protein is involved in the quinol binding. In plants it is essential protein for photoautotrophism. Confers resistance to photo-oxidative damages by contributing to the thermal dissipation of light energy and to lumenal acidification (increase of pH gradient). Component of the cytochrome b6-f complex, which mediates electron transfer between photosystem II (PSII) and

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	photosystem I (PSI), cyclic electron flow around PSI, and state transitions.

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