

小鼠抗 UQCRFS1 单克隆抗体

中文名称：小鼠抗 UQCRFS1 单克隆抗体

英文名称：Anti-UQCRFS1 mouse monoclonal antibody

别名：ubiquinol-cytochrome c reductase, Rieske iron-sulfur polypeptide 1; RIP1; RIS1; RISP; UQCR5

相关类别：一抗

储存：冷冻 (-20℃)

宿主：Mouse

抗原：UQCRFS1

反应种属：Human, Rat, Mouse

标记物：Unconjugate

克隆类型：mouse monoclonal

技术规格

Background:

Cytochrome b-c1 complex subunit Rieske, mitochondrial: Component of the mitochondrial ubiquinol-cytochrome c reductase complex dimer (complex III dimer), which is a respiratory chain that generates an electrochemical potential coupled to ATP synthesis (PubMed:28673544). Incorporation of UQCRFS1 is the penultimate step in complex III assembly (By similarity).
Cytochrome b-c1 complex subunit 9: Possible component of the mitochondrial ubiquinol-cytochrome c reductase complex dimer (complex III dimer), which is a respiratory chain that generates an electrochemical potential coupled to ATP synthesis (PubMed:28673544). UQCRFS1 undergoes proteolytic processing once it is incorporated in the complex III dimer, inclu

	ding this fragment, called subunit 9, which corresponds to the transit peptide (PubMed:28673544). The proteolytic processing is necessary for the correct insertion of UQCRFS1 in the complex III dimer, but the persistence of UQCRFS1-derived fragments may prevent newly imported UQCRFS1 to be processed and assembled into complex III and is detrimental for the complex III structure and function (PubMed:28673544). It is therefore unsure whether the UQCRFS1 fragments, including this fragment, are structural subunits (PubMed:28673544).
Applications:	WB, IHC, IF
Name of antibody:	UQCRFS1
Immunogen:	Fusion protein of human UQCRFS1
Full name:	ubiquinol-cytochrome c reductase, Rieske iron-sulfur polypeptide 1
Synonyms:	RIP1; RIS1; RISP; UQCR5
SwissProt:	P47985
IHC positive control:	Human endometrium tissue and Human tonsil tissue; Human breast cancer and Human breast tissue
IHC Recommend dilution:	200-500
WB Predicted band size:	30 KD
WB Positive control:	Hela, Raji, 293T, PC12, HepG2 cell, Mouse brain tissue lysates
WB Recommended dilution:	500-2000
IF Positive control:	HeLa cells
IF Recommended dilution:	50-100