

产品名称: Cytochrome c1 Rabbit Polyclonal Antibody
产品货号: AP Rab09710



产品概述 (Summary)

产品名称 (Production Name)	Cytochrome c1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, ELISA
种属反应性 (Reactivity)	Human, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CYC1
别名 (Alternative Names)	CYC1; Cytochrome c1; heme protein, mitochondrial; Complex III subunit 4; Complex III subunit IV; Cytochrome b-c1 complex subunit 4; Ubiquinol-cytochrome-c reductase complex cytochrome c1 subunit; Cytochrome c-1
基因 ID (Gene ID)	1537.0
蛋白 ID (SwissProt ID)	P08574. The antiserum was produced against synthesized peptide derived from human CYC1. AA range: 132-181

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:100-1:500, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	35kDa

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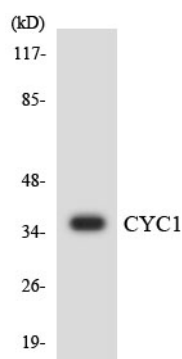
研究背景 (Background)

This gene encodes a subunit of the cytochrome bc1 complex, which plays an important role in the mitochondrial respiratory chain by transferring electrons from the Rieske iron-sulfur protein to cytochrome c. Mutations in this gene may cause mitochondrial complex III deficiency, nuclear type 6. [provided by RefSeq, Dec 2013],function:This is the heme-containing component of the cytochrome b-c1 complex, which accepts electrons from Rieske protein and transfers electrons to cytochrome c in the mitochondrial respiratory chain.,PTM: Binds 1 heme group per subunit.,similarity: Belongs to the cytochrome c family.,subunit: The bc1 complex contains 11 subunits: 3 respiratory subunits (cytochrome b, cytochrome c1 and Rieske/UQCRC1), 2 core proteins (UQCRC1/QCR1 and UQCRC2/QCR2) and 6 low-molecular weight proteins (UQCRH/QCR6, UQCRB/QCR7, UQCRC3/QCR8, UQCR10/QCR9, UQCR11/QCR10 and a cleavage product of Rieske/UQCRC1),.

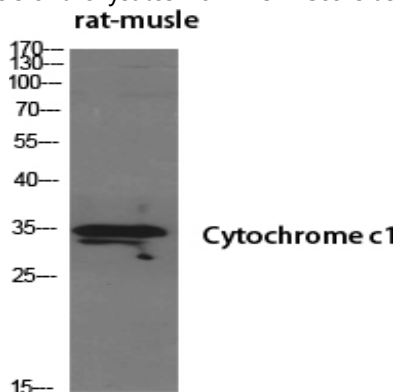
研究领域 (Research Area)

Oxidative phosphorylation;Cardiac muscle contraction;Alzheimer's disease;Parkinson's disease;Huntington's disease;

图片 (Image Data)

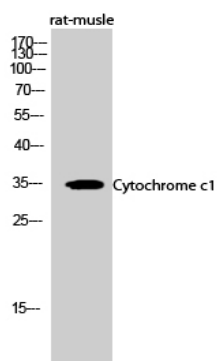


Western blot analysis of the lysates from HUVEC cells using CYC1 antibody.



Western Blot analysis of various cells using Cytochrome c1 Polyclonal Antibody diluted at 1: 500

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Western Blot analysis of rat-muscle cells using Cytochrome c1 Polyclonal Antibody diluted at 1: 500

注意事项 (Note)

For research use only .