

产品名称: COX5b Rabbit Polyclonal Antibody
产品货号: APRab09277



产品概述 (Summary)

产品名称 (Production Name)	COX5b Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Mouse, Rat

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)	COX5B
别名 (Alternative Names)	COX5B; Cytochrome c oxidase subunit 5B; mitochondrial; Cytochrome c oxidase polypeptide Vb
基因 ID (Gene ID)	1329.0
蛋白 ID (SwissProt ID)	P10606. The antiserum was produced against synthesized peptide derived from human COX5B. AA range: 11-60

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	

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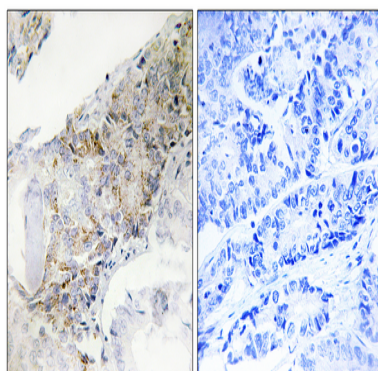
研究背景 (Background)

Cytochrome C oxidase (COX) is the terminal enzyme of the mitochondrial respiratory chain. It is a multi-subunit enzyme complex that couples the transfer of electrons from cytochrome c to molecular oxygen and contributes to a proton electrochemical gradient across the inner mitochondrial membrane. The complex consists of 13 mitochondrial- and nuclear-encoded subunits. The mitochondrially-encoded subunits perform the electron transfer and proton pumping activities. The functions of the nuclear-encoded subunits are unknown but they may play a role in the regulation and assembly of the complex. This gene encodes the nuclear-encoded subunit Vb of the human mitochondrial respiratory chain enzyme. [provided by RefSeq, Jul 2008],function:This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.,similarity:Belongs to the cytochrome c oxidase subunit 5B family.,

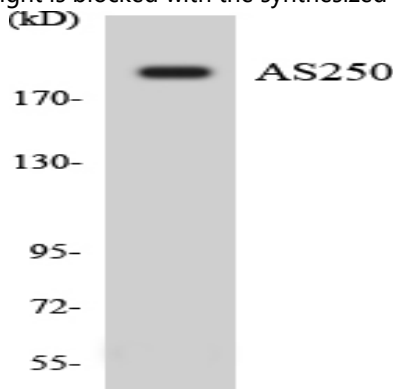
研究领域 (Research Area)

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

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using COX5B Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVECells using AS250 antibody.

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注意事项 (Note)

For research use only .