

# **COX IV Rabbit mAb**

货号: B29806

## 产品信息

展記 Human,Mouse,Rat  福主 Rabbit  克隆性 Monoclonal   (		
文展性 Monoclonal	反应	Human,Mouse,Rat
一	宿主	Rabbit
放用	克隆性	Monoclonal
# # # # # # # # # # # # # # # # # # #	预测反应	
IHC: 1:50 - 1:200	应用	WB IHC IF/ICC IP FC
実測分子量       17kDa         形式       Liquid         保存条件       Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.         個联物       Unconjugated         阳性对照       293T,Mouse liver,Rat brain         细胞定位       Mitochondrion inner membrane	推荐浓度	IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 IP: 1:20 - 1:50
形式 Liquid  保存条件 Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.  偶联物 Unconjugated  阳性对照 293T,Mouse liver,Rat brain  细胞定位 Mitochondrion inner membrane	理论分子量	19kDa
保存条件 Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.  (周联物 Unconjugated  阳性对照 293T,Mouse liver,Rat brain  细胞定位 Mitochondrion inner membrane	实测分子量	17kDa
Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.  (周联物 Unconjugated  阳性对照 293T,Mouse liver,Rat brain  细胞定位 Mitochondrion inner membrane	形式	Liquid
四性对照 293T,Mouse liver,Rat brain 细胞定位 Mitochondrion inner membrane	保存条件	
细胞定位 Mitochondrion inner membrane	偶联物	Unconjugated
	阳性对照	293T,Mouse liver,Rat brain
纯化 Affinity purification	细胞定位	Mitochondrion inner membrane
	纯化	Affinity purification

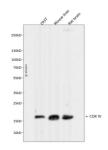
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human COX IV.
序列	AHESVVKSEDFSLPAYMDRRDHPLPEVAHVKHLSASQKALKEKEKASWSSLSMDEKVELYRIKFKESFAEMNRGSNEWK TVVGGAMFFIGFTALVIMWQKHYVYGPLPQSFDKEWVAKQTKRMLDMKVNPIQGLASKWDYEKNEWKK

靶点信息

研究背景	Cytochrome c oxidase (COX) is the terminal enzyme of the mitochondrial respiratory chain. It is a multi-su bunit 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 perfor m 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 IV isoform 1 of the human mitochondrial respiratory chain enzyme. It is located at the 3' of the NOC4 (neighbor of COX4) gene in a head-to-head orientation, and shares a promoter with it. Pseudogenes related to this gene are located on chromosomes 13 and 14. Alternative splicing results in multiple transcript variants encoding different isoforms.
基因ID	1327
基因名	COX4I1
Swiss	P13073
别名	COX4I1;COX IV-1;COX4;COX4-1;COXIV;COXIV-1;COX IV

## 产品验证



Western blot analysis of COX IV expressed in 293T, Mouse liver, Rat brain using COX IV Rabbit mAb at 1: 1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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