

小鼠抗 COX4I1 单克隆抗体

中文名称： 小鼠抗 COX4I1 单克隆抗体

英文名称： Anti-COX4I1 mouse monoclonal antibody

别名： cytochrome c oxidase subunit 4I1; COX4; COXIV; COX4-1; COXIV-1; COX IV-1

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Mouse

抗原： COX4I1

反应种属： Human, Mouse, Rat, Hamster, Goat, Monkey

标记物： Unconjugate

克隆类型： Mouse Monoclonal

技术规格

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 nucle

	ar-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.
Applications:	WB, FC, IF, IP, IHC
Name of antibody:	COX4I1
Immunogen:	Fusion protein of human COX4I1
Full name:	cytochrome c oxidase subunit 4I1
Synonyms:	COX4; COXIV; COX4-1; COXIV-1; COX IV-1
SwissProt:	P13073
IHC positive control:	Human colorectal carcinoma
IHC Recommend dilution:	25-50
WB Predicted band size:	20 kDa
WB Positive control:	Mouse skeletal muscle tissue and Jurkat cell lysates
WB Recommended dilution:	1000-5000
IF positive control:	Hela cells
IF Recommend dilution:	50-150
FC Recommend dilution:	50-100



