

## 兔抗 COX7A2 多克隆抗体

中文名称：兔抗 COX7A2 多克隆抗体

英文名称：Anti-COX7A2 rabbit polyclonal antibody

别名：cytochrome c oxidase subunit 7A2; VIIAL; COX7AL; COX7AL1; COXVIIAL; COXVIIa-L

相关类别：一抗

储存：冷冻（-20℃）

宿主：Rabbit

抗原：COX7A2

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

### 技术规格

#### Background:

Cytochrome c oxidase, the terminal component of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. This component is a heteromeric complex consisting of three catalytic subunits encoded by mitochondrial genes, and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, while the nuclear-encoded subunits may function in the regulation and assembly of the complex. This nuclear gene encodes polypeptide 2 (liver isoform) of subunit VIIa, with this polypeptide being present in both muscle and non-muscle tissues. In addition to polypeptide 2, subunit VIIa includes polypeptide 1 (muscle isoform), which

	is present only in muscle tissues, and a related protein, which is present in all tissues. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 4 and 14.
<b>Applications:</b>	ELISA, WB, IHC
<b>Name of antibody:</b>	COX7A2
<b>Immunogen:</b>	Synthetic peptide of human COX7A2
<b>Full name:</b>	cytochrome c oxidase subunit 7A2
<b>Synonyms:</b>	VIIAL; COX7AL; COX7AL1; COXVIIAL; COXVIIa-L
<b>SwissProt:</b>	P14406
<b>ELISA Recommended dilution:</b>	5000-10000
<b>IHC positive control:</b>	Human colorectal cancer
<b>IHC Recommend dilution:</b>	25-50
<b>WB Predicted band size:</b>	9 kDa
<b>WB Positive control:</b>	Hela cell lysate
<b>WB Recommended dilution:</b>	200-1000



