

## 兔抗 COX11 多克隆抗体

中文名称：兔抗 COX11 多克隆抗体

英文名称： Anti-COX11 rabbit polyclonal antibody

别名： COX11P

抗原： COX11

储存： 冷冻（-20℃）

宿主： Rabbit

相关类别： 一抗

反应种属： Human, Mouse

标记物： Unconjugate

克隆类型： rabbit polyclonal

### 技术规格

#### Background:

Cytochrome c oxidase (COX), 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 3 catalytic subunits encoded by mitochondrial genes and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, and the nuclear-encoded subunits may function in the regulation and assembly of the complex. This nuclear gene encodes a protein which is not a structural subunit, but may be a heme A biosynthetic enzyme involved in COX formation, according to the yeast mutant studies. However, the studies in *Rhodobacter sphaeroides* suggest that this gene is no

	t required for heme A biosynthesis, but required for stable formation of the Cu(B) and magnesium centers of COX. This human protein is predicted to contain a transmembrane domain localized in the mitochondrial inner membrane. Multiple transcript variants encoding different isoforms have been found for this gene. A related pseudogene has been found on chromosome 6.
<b>Applications:</b>	ELISA, WB, IHC
<b>Name of antibody:</b>	COX11
<b>Immunogen:</b>	Fusion protein of human COX11
<b>Full name:</b>	cytochrome c oxidase copper chaperone COX11
<b>Synonyms:</b>	COX11P
<b>SwissProt:</b>	Q9Y6N1
<b>ELISA Recommended dilution:</b>	2000-10000
<b>IHC positive control:</b>	Human stomach cancer
<b>IHC Recommend dilution:</b>	25-100
<b>WB Predicted band size:</b>	31 kDa
<b>WB Positive control:</b>	Mouse brain tissue
<b>WB Recommended dilution:</b>	1000-5000



