

## Anti- COX4 Rabbit pAb

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Cat#: 3128

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<b>Synonyms:</b>	COX4
<b>Attribute:</b>	Rabbit Polyclonal Antibody
<b>Isotype:</b>	IgG
<b>Purity:</b>	Antigen Affinity Purification
<b>Application:</b>	ELISA, WB, IP, IF
<b>Calculated MW:</b>	17kDa
<b>Observed MW:</b>	17kDa
<b>Reactivity:</b>	Human, Mouse, Rat, Zebra fish
<b>Immunogen:</b>	Peptide
<b>Buffer:</b>	PBS with 0.1% sodium azide and 50% glycerol, pH 7.2
<b>Storage:</b>	Store at -20°C. Do not aliquot
<b>Recommended Dilution:</b>	WB: 1:2000-5000 IP: 3ug/Sample IF: 1:100-200

65kDa—  
45kDa—  
35kDa—  
25kDa—  
15kDa—  
10kDa—



Western blot of Zebra fish whole lysates with anti-COX4 at dilution of 1:2000

### 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. COX411, also named as COX4 and COXIV-1, is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.

We focus on precise protein quantification