

**CAB11522**

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## Product Information

<b>Product SKU:</b>	CAB11522	<b>Gene ID:</b>	17709	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Mouse,Rat

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## Additional Information

<b>Observed MW:</b>	23kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	26kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

**Background:** Predicted to enable copper ion binding activity and oxidoreductase activity. Predicted to contribute to cytochrome-c oxidase activity. Predicted to be involved in ATP synthesis coupled electron transport; positive regulation of cellular biosynthetic process; and positive regulation of necrotic cell death. Located in mitochondrion. Is expressed in embryo; epiblast; heart; liver; and metanephros. Orthologous to several human genes including MTCO2P12 (MT-CO2 pseudogene 12).

**Recommended Dilution:** WB,1:500 - 1:2000 IHC-P,1:100 - 1:500

**Synonyms:** COX2; MTCO2

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 101-200 of mouse MTCO2 (NP\_904331.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.