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## Product Information

<b>Product SKU:</b>	CAB14721	<b>Gene ID:</b>	1346	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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## Additional Information

<b>Observed MW:</b>	9kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	9kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

<b>Background:</b>	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 polypeptide 1 (muscle isoform) of subunit VIIa and the polypeptide 1 is present only in muscle tissues. Other polypeptides of subunit VIIa are present in both muscle and nonmuscle tissues, and are encoded by different genes.
<b>Recommended Dilution:</b>	WB,1:100 - 1:500 IHC-P,1:50 - 1:200
<b>Synonyms:</b>	COX7A; COX7AH; COX7AM; COX7A1
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-79 of human COX7A1 (NP_001855.1).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.