

CAB7051

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## Product Information

<b>Product SKU:</b>	CAB7051	<b>Gene ID:</b>	9997	<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>	30kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	30kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

**Background:** Cytochrome c oxidase (COX) catalyzes the transfer of electrons from cytochrome c to molecular oxygen, which helps to maintain the proton gradient across the inner mitochondrial membrane that is necessary for aerobic ATP production. Human COX is a multimeric protein complex that requires several assembly factors; this gene encodes one of the COX assembly factors. The encoded protein is a metallochaperone that is involved in the biogenesis of cytochrome c oxidase subunit II. Mutations in this gene are associated with fatal infantile encephalocardiomyopathy and myopia 6.

**Recommended Dilution:** WB,1:500 - 1:2000 IHC-P,1:50 - 1:200

**Synonyms:** TP; MYP6; TYMP; ECGF1; SCO1L; MC4DN2; CEMCOX1; PD-ECGF; TdRPase; Gliostatin; SCO2

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 100-266 of human SCO2 (NP\_005129.2).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.