

SCO2

Reactivity:Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:30kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human SCO2

Storage Buffer:

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

Synonym:

MYP6; SCO1L; CEMCOX1;

Catalog #:A7051

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:9997

Isotype:IgG

Swiss Prot:O43819

Purity:Affinity purification

For research use only.

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.

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