

SCO1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

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

Calculated MW: 34kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human SCO1

Storage Buffer:

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

Synonym:

SCOD1;

Catalog #: A6734

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 6341

Isotype: IgG

Swiss Prot: O75880

Purity: Affinity purification

For research use only.

Background:

Mammalian cytochrome c oxidase (COX) catalyzes the transfer of reducing equivalents from cytochrome c to molecular oxygen and pumps protons across the inner mitochondrial membrane.

In yeast, 2 related COX assembly genes, SCO1 and SCO2 (synthesis of cytochrome c oxidase), enable subunits 1 and 2 to be incorporated into the holoprotein. This gene is the human homolog to the yeast SCO1 gene.

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