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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56593_P050-Biotin
Product Page	www.avivasysbio.com/sco1-antibody-c-terminal-region-biotin-arp56593-p050-biotin.html
Name	SCO1 Antibody - C-terminal region : Biotin (ARP56593_P050-Biotin)
Protein Size (# AA)	301 amino acids
Molecular Weight	33kDa
Conjugation	Biotin
NCBI Gene Id	6341
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	SCO cytochrome oxidase deficient homolog 1 (yeast)
Alias Symbols	SCOD1, MC4DN4
Peptide Sequence	Synthetic peptide located within the following region: PGPKDEDEDYIVDHTIIMYLIIGPDGFLDYFGQNKRRKGEIAASIATHMRP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	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.
Protein Interactions	UBC;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-SCO1 (ARP56593_P050-Biotin) antibody
Blocking Peptide	For anti-SCO1 (ARP56593_P050-Biotin) antibody is Catalog# AAP56593
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Human SCO1
Uniprot ID	O75880
Protein Name	Protein SCO1 homolog, mitochondrial
Purification	Affinity Purified
Gene Symbol	SCO1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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