ctb-1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ctb-1, Polyclonal Antibody
Full Product Name	Rabbit anti-Caenorhabditis elegans ctb-1 Polyclonal Antibody
Product Gene Name	anti-ctb-1 antibody
Product Synonym Names	ctb-1 Antibody; Cytochrome b; Complex III subunit 3; Complex III subunit III; Cytochrome b-c1 complex subunit 3; Ubiquinol-cytochrome-c reductase complex cytochrome b subunit; ctb-1 cob cytb Mtcyb MTCE.21
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Caenorhabditis elegans
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	42,582 Da
3D Structure	ModBase 3D Structure for P24890
Immunogen	Recombinant Caenorhabditis elegans ctb-1 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ctb-1 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-ctb-1 antibody	MBS7140456 is an antibody targeting ctb-1. Also known as Rabbit anti-Caenorhabditis elegans ctb-1 Polyclonal Antibody. Reactive in Caenorhabditis elegans. Host: Rabbit.
Other Notes	Small volumes of anti-ctb-1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ctb-1. It may not necessarily be applicable to this product.

NCBI GI #	5834888
NCBI GeneID	2565702
NCBI Accession #	NP_006958.1
UniProt Primary Accession #	P24890
UniProt Related Accession #	P24890

GenBank Nucleotide #	NC_001328.1
NCBI Official Full Name	cytochrome b (mitochondrion)
NCBI Official Symbol	CYTB
UniProt Protein Name	Cytochrome b
UniProt Synonym Protein Names	Complex III subunit 3; Complex III subunit III; Cytochrome b-c1 complex subunit 3; Ubiquinol-cytochrome-c reductase complex cytochrome b subunit
UniProt Gene Name	ctb-1
NCBI Protein Information	cytochrome b
UniProt Comments for ctb-1	Component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex) that is part of the mitochondrial respiratory chain (PubMed:20971856). The b-c1 complex mediates electron transfer from ubiquinol to cytochrome c (). Contributes to the generation of a proton gradient across the mitochondrial membrane that is then used for ATP synthesis (PubMed:20971856).
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