10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CYTB Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9621c

Specification

CYTB Antibody (Center) Blocking Peptide - Product Information

Primary Accession P00156

CYTB Antibody (Center) Blocking Peptide - Additional Information

Gene ID 4519

Other Names
Cytochrome b, Complex III subunit 3, Complex III subunit III, Cytochrome b-c1 complex subunit 3, Ubiquinol-cytochrome-c reductase complex cytochrome b subunit, MT-CYB, COB, CYTB, MTCYB

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CYTB Antibody (Center) Blocking Peptide - Protein Information

Name MT-CYB

Synonyms COB, CYTB, MTCYB

Function
Component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex) that is part of the mitochondrial respiratory chain. 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.

Cellular Location
Mitochondrion inner membrane {ECO:0000250|UniProtKB:P00157}; Multi-pass membrane protein {ECO:0000250|UniProtKB:P00157}

CYTB Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

CYTB Antibody (Center) Blocking Peptide - Images

CYTB Antibody (Center) Blocking Peptide - Background

Component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is a respiratory chain that generates an electrochemical potential coupled to ATP synthesis (By similarity).

CYTB Antibody (Center) Blocking Peptide - References

Andrews, R.M., et al. Nat. Genet. 23 (2), 147 (1999) Anderson, S., et al. Nature 290(5806):457-465(1981)