

Cytochrome b Polyclonal Antibody

Catalog # AP74277

Specification

Cytochrome b Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P00156
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

Cytochrome b Polyclonal Antibody - 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)

Dilution

WB~~WB 1:500-2000, ELISA 1:10000-20000

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Cytochrome b Polyclonal Antibody - 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

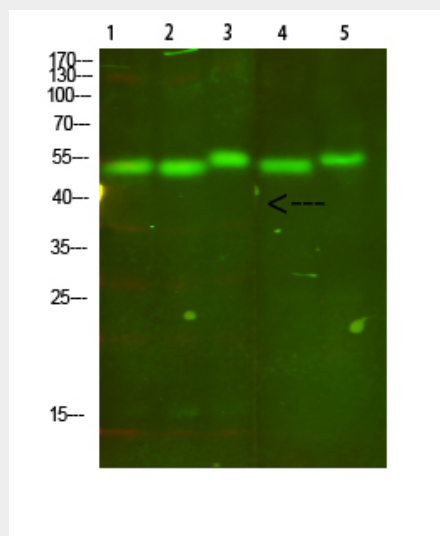
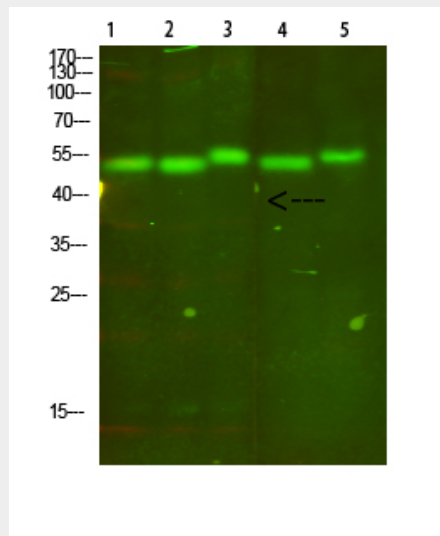
Mitochondrion inner membrane {ECO:0000250|UniProtKB:P00157}; Multi-pass membrane protein {ECO:0000250|UniProtKB:P00157}

Cytochrome b Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Cytochrome b Polyclonal Antibody - Images



Cytochrome b Polyclonal Antibody - Background

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.