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CYTB antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI13155

Product Information

Application	WB
Primary Accession	P00156
Other Accession	P00156, NP_536855
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42718

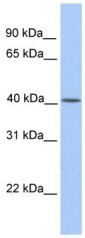
Additional Information

Gene ID	4519
Alias Symbol	MTCYB
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	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-CYTB antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	CYTB antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

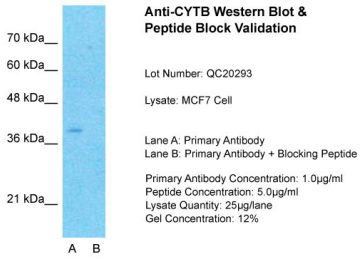
Protein Information

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}

Images



WB Suggested Anti-CYTB Antibody Titration: 0.2-1 µg/ml
Positive Control: Hela cell lysate



Host: Rabbit
Target Name:CYTB
Sample Tissue:MCF7
Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide
Primary Antibody
Concentration:1µg/ml
Peptide Concentration: 5µg/ml
Lysate Quantity: 25ug/lane/lane Gel
Concentration: 0.12

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.