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Datasheet for ABIN751618
anti-Cytochrome b antibody (AA 101-200)

Overview

Quantity:	100 µL
Target:	Cytochrome b (MT-CYB)
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytochrome b antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Cytochrome B
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Pig
Purification:	Purified by Protein A.

Target Details

Target:	Cytochrome b (MT-CYB)
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Target Details

Alternative Name:	Cytochrome B (MT-CYB Products)
Background:	<p>Synonyms: COB, Complex III subunit 3, Complex III subunit III, CYTB, Cytochrome b, Cytochrome b c1 complex subunit 3, Mitochondrially encoded cytochrome b, MTCYB, Ubiquinol cytochrome c reductase complex cytochrome b subunit, CYB_HUMAN.</p> <p>Background: Cytochrome b belongs to the cytochrome b family. It is a 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.</p>
Gene ID:	4519
Pathways:	Proton Transport

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months