Datasheet for ABIN653573

anti-Cytochrome b antibody (AA 201-228)

1 Image

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Overview

Quantity:	400 µL
Target:	Cytochrome b (MT-CYB)
Binding Specificity:	AA 201-228
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytochrome b antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This CYTB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 201-228 amino acids from the Central region of human CYTB.
Clone:	RB23525
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Cytochrome b (MT-CYB)
Alternative Name:	CYTB (MT-CYB Products)
Background:	Component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1

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Target Details

	complex), which is a respiratory chain that generates an electrochemical potential coupled to ATP synthesis (By similarity).
Molecular Weight:	42718
Gene ID:	4519
UniProt:	P00156
Pathways:	Proton Transport

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

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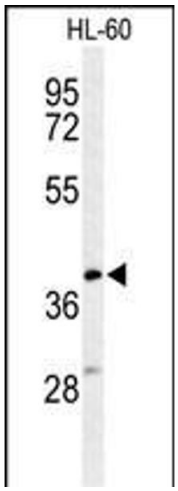

Western Blotting

Image 1. Western blot analysis of CYTB Antibody (Center) (ABIN653573 and ABIN2842948) in HL-60 cell line lysates (35 µg/lane). CYTB (arrow) was detected using the purified Pab.

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