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Datasheet for ABIN951800

anti-Cytochrome C1 antibody (C-Term)

3 Images

Overview

Quantity:	0.4 mL
Target:	Cytochrome C1 (CYC1)
Binding Specificity:	AA 270-299, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytochrome C1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the C-terminal region (between 270-299aa) of human Cytochrome C1/ CYC1.
Isotype:	Ig Fraction
Specificity:	This antibody detects Cytochrome C1 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested): Human, Mouse
Purification:	Purified through a protein A column; followed by peptide affinity purification.

Target Details

Target:	Cytochrome C1 (CYC1)
Alternative Name:	Cytochrome C1 (CYC1 Products)

Target Details

Background: This is the heme-containing component of the cytochrome b-c1 complex, which accepts electrons from Rieske protein and transfers electrons to cytochrome c in the mitochondrial respiratory chain. Synonyms: CYC1, Complex III subunit 4, Complex III subunit IV, Cytochrome b-c1 complex subunit 4, Ubiquinol-cytochrome-c reductase complex cytochrome c1 subunit

Gene ID: 1537

NCBI Accession: [NP_001907](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) Sodium Azide.

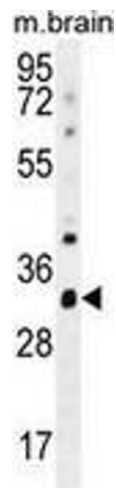
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

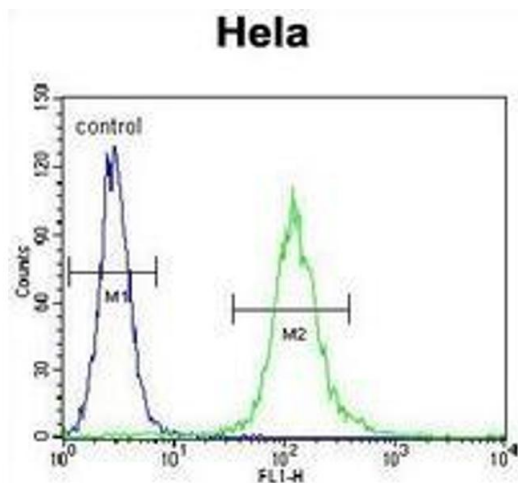
Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis in mouse brain tissue lysates (35ug/lane) using Cytochrome C1 Antibody (C-term). This demonstrates the CYC1 antibody detected the CYC1 protein (arrow).



Flow Cytometry

Image 2. Flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram) using Cytochrome C1 Antibody (C-term), followed by FITC-conjugated goat-anti-rabbit secondary antibodies.



Western Blotting

Image 3. Western blot analysis in HeLa cell line lysates (35ug/lane) using Cytochrome C1 Antibody (C-term). This demonstrates the CYC1 antibody detected the CYC1 protein (arrow).