

Datasheet for ABIN7149179
anti-COX6B1 antibody (AA 1-86)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	COX6B1
Binding Specificity:	AA 1-86
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX6B1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Cytochrome c oxidase subunit 6B1 protein (1-86AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	COX6B1
Alternative Name:	COX6B1 (COX6B1 Products)
Background:	Background: Defects in COX6B1 are a cause of mitochondrial complex IV deficiency (MT-C4D) [MIM:220110], also known as cytochrome c oxidase deficiency. A disorder of the mitochondrial

Target Details

respiratory chain with heterogeneous clinical manifestations, ranging from isolated myopathy to severe multisystem disease affecting several tissues and organs. Features include hypertrophic cardiomyopathy, hepatomegaly and liver dysfunction, hypotonia, muscle weakness, exercise intolerance, developmental delay, delayed motor development and mental retardation. A subset of patients manifest Leigh syndrome.

Aliases: COX 6B antibody, COX VIb 1 antibody, COX VIb-1 antibody, COX6B antibody, COX6B1 antibody, COXG antibody, COXVIb1 antibody, CX6B1_HUMAN antibody, Cytochrome c oxidase subunit 6B1 antibody, Cytochrome c oxidase subunit VIb antibody, Cytochrome c oxidase subunit VIb isoform 1 antibody, cytochrome c oxidase subunit VIb polypeptide 1 (ubiquitous) antibody, Cytochrome c oxidase subunit Vlb polypeptide 1 antibody

UniProt: [P14854](#)

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

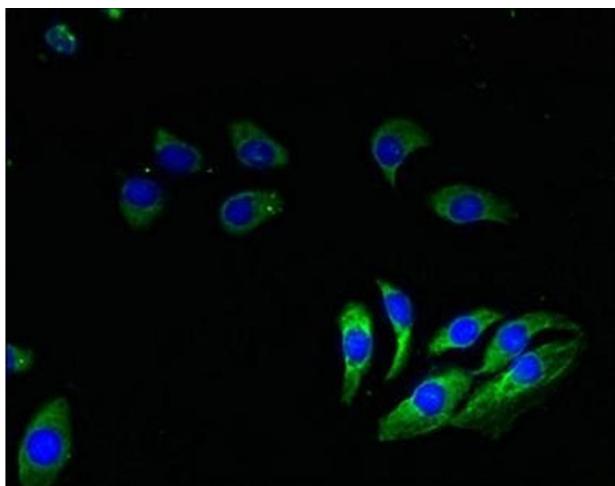
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescent analysis of A549 cells using ABIN7149179 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)