

Datasheet for ABIN7130367

anti-NDUFA3 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	NDUFA3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFA3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Fusion protein of Human NDUFA3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen affinity purification

Target Details

Target:	NDUFA3
Alternative Name:	NDUFA3 (NDUFA3 Products)
Background:	Background: NDUFA3 (NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3), also known as B9, is one of about 45 subunits comprising Complex I of the oxidative phosphorylation electron transport chain. Consisting of 84 amino acids and belonging to the Complex I NDUFA3 subunit family, NDUFA3 functions as an accessory subunit of the multi-protein mitochondrial

Target Details

membrane respiratory chain NADH dehydrogenase complex (known as Complex I). Complex I plays an important role in the transfer of electrons from NADH to the respiratory chain, a process that is essential for cellular respiration.

Aliases: NDUFA3 antibody, NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 3 antibody, Complex I-B9 antibody, CI-B9 antibody, NADH-ubiquinone oxidoreductase B9 subunit antibody

UniProt: [O95167](#)

Application Details

Application Notes: ELISA:1:1000-1:2000, WB:1:200-1:1000,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

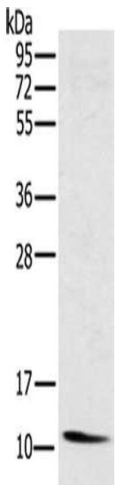
Preservative: Sodium azide

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

Storage: -20 °C,-80 °C

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

Images



Western Blotting

Image 1. Gel: 10 % SDS-PAGE, Lysate: 40 µg, Lane: Mouse heart tissue, Primary antibody: ABIN7130367(NDUFA3 Antibody) at dilution 1/250, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 4 minutes