BT LAB
Bioassay Technology Laboratory
Optimize Your Research

NDUFB9 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05852
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human NDUFB9. AA range:102-151
Mol wt	21831
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	NDUFB9 Antibody
Synonyms	NDUFB9; LYRM3; UQOR22; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9; Complex I-B22; CI-B22; LYR motif-containing protein 3; NADH-ubiquinone oxidoreductase B22 subunit

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 encoded by NDUFB9 is a subunit of the mitochondrial oxidative phosphorylation complex I (nicotinamide adenine dinucleotide: ubiquinone oxidoreductase). Complex I is localized to the inner mitochondrial membrane and functions to dehydrogenate nicotinamide adenine dinucleotide and to shuttle electrons to coenzyme Q. Complex I deficiency is the most common defect found in oxidative phosphorylation disorders and results in a range of conditions, including lethal neonatal disease, hypertrophic cardiomyopathy, liver disease, and adult-onset neurodegenerative disorders. Pseudogenes of this gene are found on chromosomes five, seven and eight. Alternative splicing results in multiple transcript variants.

Recommended Dilution

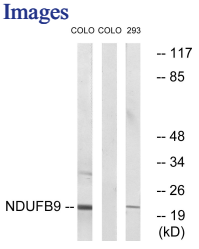
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 10000

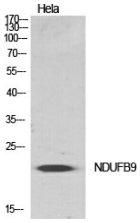
Not yet tested in other applications.

Images

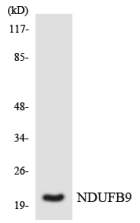


Western blot analysis of lysates from COLO205 cells and 293 cells, using NDUFB9 Antibody. The lane on the right is blocked with the synthesized peptide.

Western Blot analysis of 293 cells using NDUFB9 Polyclonal Antibody diluted at 1:500



Western Blot analysis of various cells using NDUFB9 Polyclonal Antibody diluted at 1:500



Western blot analysis of the lysates from COLO205 cells using NDUFB9 antibody.

Storage

-20°C for one year

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