

NDUFS1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05855
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human NDUFS1. AA range:620-669
Mol wt	79468
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	NDUFS1 Antibody
Synonyms	NDUFS1; NADH-ubiquinone oxidoreductase 75 kDa subunit; mitochondrial; Complex I-75kD; CI-75kD

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

Background

The multisubunit NADH: ubiquinone oxidoreductase (75 kDa subunit, mitochondrial) (NDUFS1) is the first enzyme complex in the electron transport chain of mitochondria. It is also named as Complex I-75kD. By use of chaotropic agents, complex I can be fragmented into 3 different fractions: a flavoprotein fraction, an iron-sulfur protein (IP) fraction, and a hydrophobic protein (HP) fraction. NDUFS1 is the largest subunit of complex I and it is a component of the iron-sulfur (IP) fragment of the enzyme.

Recommended Dilution

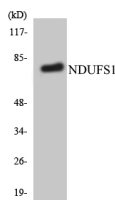
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

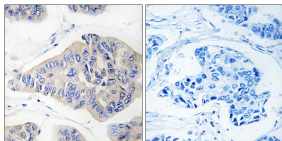
ELISA: 1: 40000

Not yet tested in other applications.

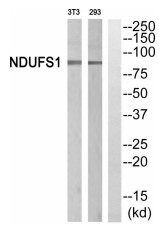
Images



Western blot analysis of the lysates from HepG2 cells using NDUFS1 antibody.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using NDUFS1 Antibody. The lane on the right is blocked with the NDUFS1 peptide.



Western blot analysis of NDUFS1 Antibody. The lane on the right is blocked with the NDUFS1 peptide.

Storage

-20°C for one year

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