

NDUS4 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11782
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 20-100
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial
Synonyms	NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial ;Complex I-18 kDa;CI-18 kDa;Complex I-AQDQ;CI-AQDQ;NADH-ubiquinone oxidoreductase 18 kDa subunit

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

Background

This gene encodes an nuclear-encoded accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (complex I, or NADH:ubiquinone oxidoreductase). Complex I removes electrons from NADH and passes them to the electron acceptor ubiquinone. Mutations in this gene can cause mitochondrial complex I deficiencies such as Leigh syndrome. Alternative splicing results in multiple transcript variants.

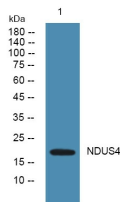
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year