

NDUAC Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11757
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 80-160
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12
Synonyms	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12 ;13 kDa differentiation-associated protein;Complex I-B17.2;CI-B17.2;CIB17.2;NADH-ubiquinone oxidoreductase subunit B17.2

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

Background

This gene encodes a protein which is part of mitochondrial complex 1, part of the oxidative phosphorylation system in mitochondria. Complex 1 transfers electrons to ubiquinone from NADH which establishes a proton gradient for the generation of ATP. Mutations in this gene are associated with Leigh syndrome due to mitochondrial complex 1 deficiency. Pseudogenes of this gene are located on chromosomes 5 and 13. Alternative splicing results in multiple transcript variants.

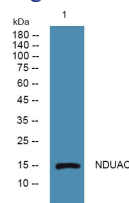
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year