

NDUS8 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11783
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 90-170
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial
Synonyms	NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial ;EC 1.6.5.3;EC 1.6.99.3;Complex I-23kD;CI-23kD;NADH-ubiquinone oxidoreductase 23 kDa subunit;TYKY subunit

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

Background

This gene encodes a subunit of mitochondrial NADH:ubiquinone oxidoreductase, or Complex I, a multimeric enzyme of the respiratory chain responsible for NADH oxidation, ubiquinone reduction, and the ejection of protons from mitochondria. The encoded protein is involved in the binding of two of the six to eight iron-sulfur clusters of Complex I and, as such, is required in the electron transfer process. Mutations in this gene have been associated with Leigh syndrome.

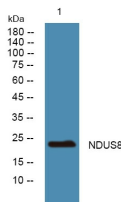
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images



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

Storage

-20°C for 1 year