

NDUFS7 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05859
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human NDUFS7. AA range:164-213
Mol wt	23564
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	NDUFS7 Antibody
Synonyms	NDUFS7; NADH dehydrogenase [ubiquinone] iron-sulfur protein 7; mitochondrial; Complex I-20kD; CI-20kD; NADH-ubiquinone oxidoreductase 20 kDa subunit; PSST subunit

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

Background

NDUFS7 encodes a protein that is a subunit of one of the complexes that forms the mitochondrial respiratory chain. This protein is one of over 40 subunits found in complex I, the nicotinamide adenine dinucleotide (NADH): ubiquinone oxidoreductase. This complex functions in the transfer of electrons from NADH to the respiratory chain, and ubiquinone is believed to be the immediate electron acceptor for the enzyme. Mutations in this gene cause Leigh syndrome due to mitochondrial complex I deficiency, a severe neurological disorder that results in bilaterally symmetrical necrotic lesions in subcortical brain regions.

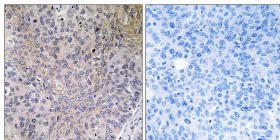
Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using NDUFS7 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year