



NDUAB Polyclonal Antibody

Catalog No	YP-Ab-05791
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	NDUFA11
Immunogen	Synthesized peptide derived from human protein . at AA range: 30-110
Specificity	NDUAB Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NADH-ubiquinone oxidoreductase subunit B14.7;Complex I-B14.7;Complex I B14.7;CI-B14.7;CI B14.7;NDUAB;NDUFA11;NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11 (Complex I-B14.7) (CI-B14.7) (NADH-ubiquinone oxidoreductase subunit B14.7)
Observed Band	15kD
Calculated Molecular Weight	15kD
Cell Pathway	Mitochondrion inner membrane ; Multi-pass membrane protein ; Matrix side .
Tissue Specificity	Heart,Platelet,Uterus,
Function	function:Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.,sequence caution:Erroneous CDS prediction.,similarity:Belongs to the complex I NDUFA11 subunit family.,subunit:Complex I is composed of 45 different subunits.,



Background

This gene encodes a subunit of the membrane-bound mitochondrial complex I. Complex I is composed of numerous subunits and functions as the NADH-ubiquinol reductase of the mitochondrial electron transport chain. Mutations in this gene are associated with severe mitochondrial complex I deficiency. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Oct 2010],

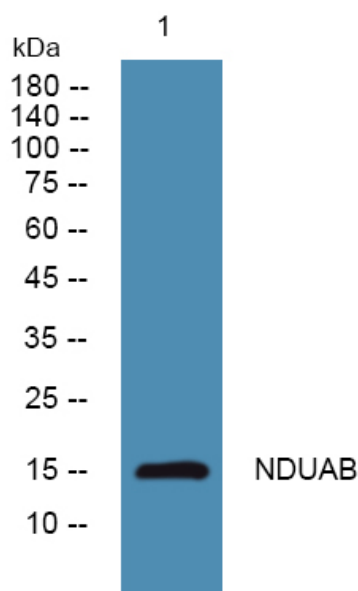
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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