



NDUFA9 Monoclonal Antibody

Catalog No	YP-mAb-02701
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NDUFA9
Immunogen	The antiserum was produced against synthesized peptide derived from human NDUFA9. AA range:87-136
Specificity	NDUFA9 Monoclonal Antibody detects endogenous levels of NDUFA9 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CI 39kD;CI-39kD;Complex I-39kD;NADH-ubiquinone oxidoreductase 39 kDa subunit;NDUFS2L;NDUFA9;NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9 mitochondrial;NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9;mitochondrial
Observed Band	40kD
Calculated Molecular Weight	40kD
Cell Pathway	Mitochondrion matrix .
Tissue Specificity	Blood,Colon,Liver,Muscle,Placenta,Skeletal muscle,
Function	cofactor: Binds 1 FAD per subunit.,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.,similarity: Belongs to the complex I NDUFA9 subunit family.,subunit: Complex I is composed of 45 different subunits. This a component of the hydrophobic protein fraction.,



Background

The encoded protein is a subunit of the hydrophobic protein fraction of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. A pseudogene has been identified on chromosome 12. [provided by RefSeq, May 2010],

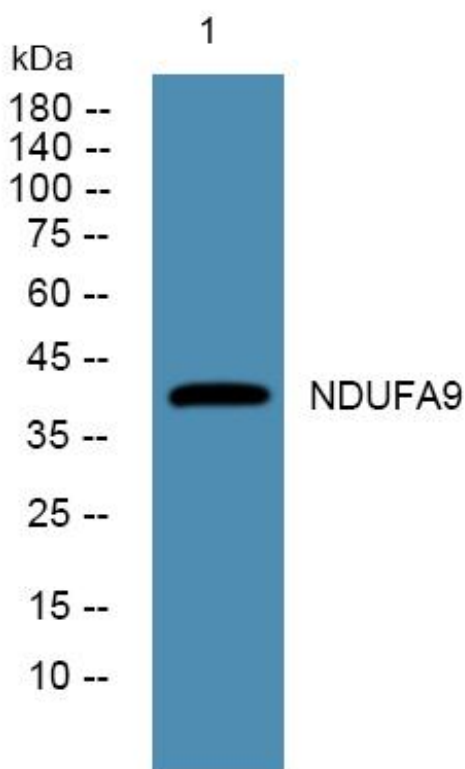
matters needing attention

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 various cells using NDUFA9 Monoclonal Antibody