

Summary

Production Name	NDUFB9 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	NDUFB9
Alternative Names	NDUFB9; LYRM3; UQOR22; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9; Complex I-B22; CI-B22; LYR motif-containing protein 3; NADH-ubiquinone oxidoreductase B22 subunit
Gene ID	4715.0
SwissProt ID	Q9Y6M9.The antiserum was produced against synthesized peptide derived from human NDUFB9. AA range:102-151

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:10000..
Molecular Weight	22kD

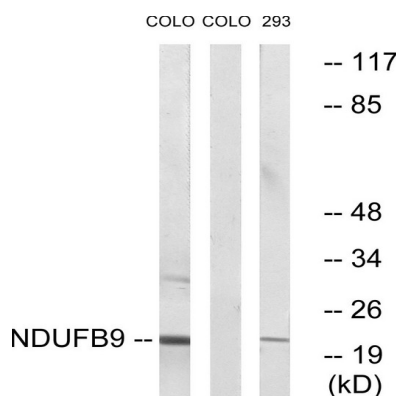
Background

The protein encoded by this gene is a subunit of the mitochondrial oxidative phosphorylation complex I (nicotinamide adenine dinucleotide: ubiquinone oxidoreductase). Complex I is localized to the inner mitochondrial membrane and functions to dehydrogenate nicotinamide adenine dinucleotide and to shuttle electrons to coenzyme Q. Complex I deficiency is the most common defect found in oxidative phosphorylation disorders and results in a range of conditions, including lethal neonatal disease, hypertrophic cardiomyopathy, liver disease, and adult-onset neurodegenerative disorders. Pseudogenes of this gene are found on chromosomes five, seven and eight. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015],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 LYR family.,subunit:Mammalian complex I is composed of 45 different subunits.,

Research Area

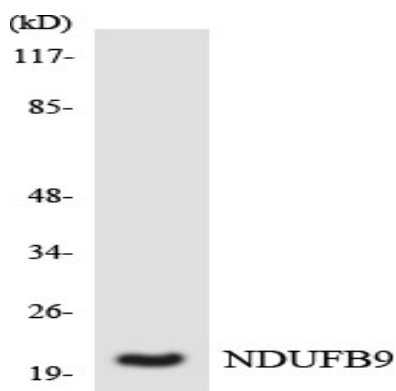
Oxidative phosphorylation;Alzheimer's disease;Parkinson's disease;Huntington's disease;

Image Data

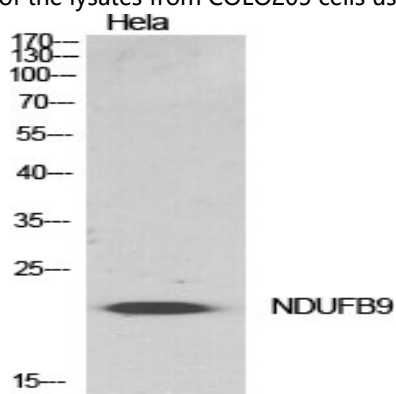


Western blot analysis of lysates from COLO205 cells and 293 cells, using NDUFB9 Antibody. The lane on the right is blocked with the synthesized peptide.

Product Name: NDUFB9 Rabbit Polyclonal Antibody
Catalog #: APRab14508



Western blot analysis of the lysates from COLO205 cells using NDUFB9 antibody.



Western Blot analysis of various cells using NDUFB9 Polyclonal Antibody diluted at 1: 500



Western Blot analysis of 293 cells using NDUFB9 Polyclonal Antibody diluted at 1: 500

Note

For research use only.