NDUFB9 rabbit pAb

Cat#: orb765785 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	NDUFB9 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human NDUFB9. AA range:102-151
Specificity	NDUFB9 Polyclonal Antibody detects endogenous levels of NDUFB9 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9
Gene Name	NDUFB9
Cellular localization	Mitochondrion inner membrane ; Peripheral membrane protein ; Matrix side .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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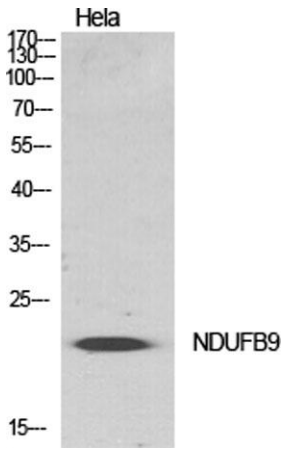
Concentration	1 mg/ml
Observed band	22kD
Human Gene ID	4715
Human Swiss-Prot Number	Q9Y6M9
Alternative Names	NDUFB9; LYRM3; UQOR22; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9; Complex I-B22; CI-B22; LYR motif-containing protein 3; NADH-ubiquinone oxidoreductase B22 subunit
Background	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],



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

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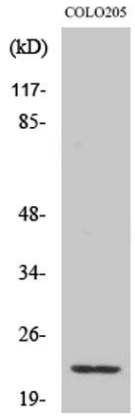
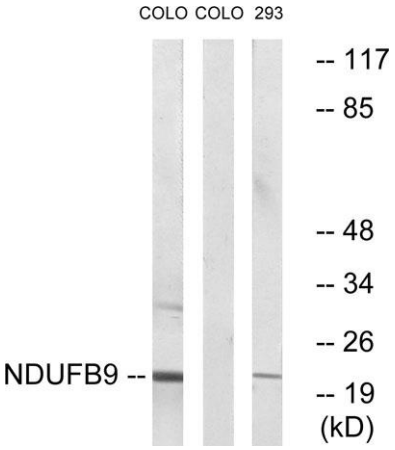
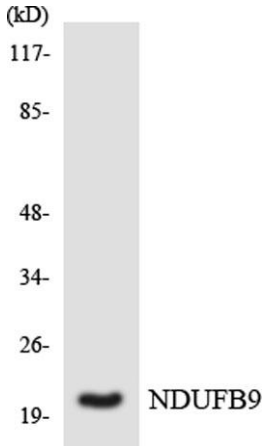


Western Blot analysis of 293 cells using NDUFB9 Polyclonal Antibody diluted at 1:500



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.



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

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