A3981
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NDUFB9 Rabbit pAb

Catalog No.: A3981

Basic Information

Observed MW
24kDa

Calculated MW
22kDa

Category
Polyclonal Antibody

Applications
WB

Cross-Reactivity
Human,Mouse

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.

Recommended Dilutions

WB	1:500 - 1:1000

Immunogen Information

Gene ID
4715

Swiss Prot
Q9Y6M9

Immunogen
A synthetic Peptide of human NDUFB9

Synonyms
B22; LYRM3; CI-B22; UQOR22; MC1DN24; NDUFB9

Contact

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Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 4℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, pH7.3.