

NDUFB4 Antibody - C-terminal region

Rabbit Polyclonal Antibody Catalog # AI15401

Product Information

Application WB Primary Accession 095168

Other Accession NM 004547, NP 004538

ReactivityHuman, Mouse, Rat, Pig, Dog, Guinea Pig, Horse, Bovine **Predicted**Human, Mouse, Rat, Pig, Dog, Guinea Pig, Horse, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 15209

Additional Information

Gene ID 4710

Alias Symbol B15, CI-B15, MGC5105

Other Names NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 4, Complex

I-B15, CI-B15, NADH-ubiquinone oxidoreductase B15 subunit, NDUFB4

Format Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium

azide and 2% sucrose.

Reconstitution & Storage Add 50 ul of distilled water. Final anti-NDUFB4 antibody concentration is 1

mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at

20°C. Avoid repeat freeze-thaw cycles.

Precautions NDUFB4 Antibody - C-terminal region is for research use only and not for use

in diagnostic or therapeutic procedures.

Protein Information

Name NDUFB4

Function Accessory subunit of the mitochondrial membrane respiratory chain NADH

dehydrogenase (Complex I), that is believed not to be 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

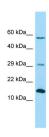
ubiquinone.

Cellular Location Mitochondrion inner membrane; Single-pass membrane protein; Matrix side

References

Loeffen J.L.C.M.,et al.Biochem. Biophys. Res. Commun. 253:415-422(1998). Muzny D.M.,et al.Nature 440:1194-1198(2006). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Murray J.,et al.J. Biol. Chem. 278:13619-13622(2003). Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

Images



WB Suggested Anti-NDUFB4 Antibody Titration: 1.0 µg/ml Positive Control: Fetal Lung

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.