

NDUFS4 antibody - middle region

Rabbit Polyclonal Antibody Catalog # AI15088

Product Information

Application WB Primary Accession O43181

Other Accession NM 002495, NP 002486

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

Host Rabbit
Clonality Polyclonal
Calculated MW 20108

Additional Information

Gene ID 4724

Alias Symbol AQDQ, CI-18

Other Names NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial,

Complex I-18 kDa, CI-18 kDa, Complex I-AQDQ, CI-AQDQ, NADH-ubiquinone

oxidoreductase 18 kDa subunit, NDUFS4

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-NDUFS4 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 NDUFS4 antibody - middle region is for research use only and not for use in

diagnostic or therapeutic procedures.

Protein Information

Name NDUFS4

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.

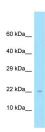
Cellular Location Mitochondrion inner membrane; Peripheral membrane protein; Matrix side.

Note=The interaction with BCAP31 mediates mitochondria localization.

References

van den Heuvel L.,et al.Am. J. Hum. Genet. 62:262-268(1998). 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-NDUFS4 Antibody Titration: 1.0 $\mu g/ml$ Positive Control: Fetal Lung

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