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Datasheet

NDUFS4 MaxPab mouse polyclonal antibody (B01)

Catalog Number: H00004724-B01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human NDUFS4 protein.

Immunogen: NDUFS4 (NP_002486.1, 1 a.a. ~ 175 a.a) full-length human protein.

Sequence:
MAAVSMSVVLRQTLWRRRAVAVAALSVSRVPTRSLRT
STWRLAQDQTQDTQLITVDEKLDITTLTGVPEEHIKTRK
VRIFVPARNNMQSGVNNTKKWKMEFDTRERWENPLM
GWASTADPLSNMVLTFSTKEDAVSFAEKNGWSYDIEE
RKVPKPKSKSYGANFSWNKRTRVSTK

Host: Mouse

Reactivity: Human

Applications: WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4724

Gene Symbol: NDUFS4

Gene Alias: AQDQ

Gene Summary: This gene encodes an accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), or NADH:ubiquinone oxidoreductase, the first multi-subunit enzyme complex of the mitochondrial respiratory chain. Complex I plays a vital role in cellular ATP production, the primary source of energy for many crucial processes in living cells. It removes electrons from NADH and passes them by a series of different protein-coupled redox centers to the electron acceptor ubiquinone. In well-coupled mitochondria, the electron flux leads to ATP generation via the building of a proton gradient across the inner membrane. Complex I is composed of at least 41 subunits, of which 7 are encoded by the mitochondrial genome and the remainder by nuclear genes. [provided by RefSeq]