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- Diagnostik & molekulare Diagnostik
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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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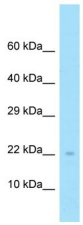
NDUFS4 Antibody - middle region (ARP64291_P050)

Data Sheet

Product Number	ARP64291_P050
Product Page	www.avivasysbio.com/ndufs4-antibody-middle-region-arp64291-p050.html
Name	NDUFS4 Antibody - middle region (ARP64291_P050)
Protein Size (# AA)	175 amino acids
Molecular Weight	20kDa
NCBI Gene Id	4724
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	NADH dehydrogenase (ubiquinone) Fe-S protein 4, 18kDa (NADH-coenzyme Q reductase)
Alias Symbols	AQDQ, CI-18, MC1DN1, CI-AQDQ, CI-18 kDa
Peptide Sequence	Synthetic peptide located within the following region: FVPARNNMQSGVNNTKKWKMEFDTRERWENPLMGWASTADPLSNMVLTFS
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Description of Target	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.
Protein Interactions	PARK2; UBE2G2; NDUFS7; MARC1; NDUFA12; MRPL15; NDUFAF3; NUP188; TOMM20; UQCRB; RPS2; ABCD3; PRPH; NDUFS6; NDUFB5; MGST3; M6PR; DLAT; CYC1; COX15; CACNA2D1; ATP5O; APP; UBC;
Reconstitution and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.
Datasheets/Manuals	Printable datasheet for anti-NDUFS4 (ARP64291_P050) antibody
Blocking Peptide	For anti-NDUFS4 (ARP64291_P050) antibody is Catalog # AAP64291
Uniprot ID	O43181
Protein Name	NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial
Protein Accession #	NP_002486
Purification	Affinity Purified
Nucleotide Accession #	NM_002495
Tested Species Reactivity	Human
Gene Symbol	NDUFS4
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%

Image 1	**Human Fetal Lung** 	WB Suggested Anti-NDUFS4 Antibody Titration: 1.0 ug/ml Positive Control: Fetal Lung

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This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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