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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56608_P050-Biotin
Product Page	www.avivasysbio.com/ndufs1-antibody-n-terminal-region-biotin-arp56608-p050-biotin.html
Name	Ndufs1 Antibody - N-terminal region : Biotin (ARP56608_P050-Biotin)
Protein Size (# AA)	727 amino acids
Molecular Weight	79kDa
Subunit	, mitochondrial
Conjugation	Biotin
NCBI Gene Id	301458
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa (NADH-coenzyme Q reductase)
Alias Symbols	-
Peptide Sequence	Synthetic peptide located within the following region: VVAACAMPVMKGWNILTNSEKSKKAREGVMFLLANHPLDPCIDQGGE
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Ndufs1 is a core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for 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. This is the largest subunit of complex I and it is a component of the iron-sulfur (IP) fragment of the enzyme. It may form part of the active site crevice where NADH is oxidized.
Protein Interactions	STXBP5L; Gja1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-Ndufs1 (ARP56608_P050-Biotin) antibody
Blocking Peptide	Available upon request
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Rat Ndufs1
Uniprot ID	Q66HF1
Protein Name	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial
Protein Accession #	NP_001005550
Purification	Affinity Purified
Nucleotide Accession #	NM_001005550
Gene Symbol	Ndufs1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Pig, Rabbit, Yeast, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Goat: 86%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Yeast: 85%; Zebrafish: 86%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

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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