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Produktinformation



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Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56579_P050-FITC
Product Page	www.avivasysbio.com/ndufs3-antibody-middle-region-fitc-arp56579-p050-fitc.html
Name	NDUFS3 Antibody - middle region : FITC (ARP56579_P050-FITC)
Protein Size (# AA)	264 amino acids
Molecular Weight	30kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	4722
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (NADH-coenzyme Q reductase)
Alias Symbols	CI-30, MC1DN8
Peptide Sequence	Synthetic peptide located within the following region: EVKRYYAEPVELAQEYFRKFDLNSPWAEFPVYRQPPELKLKLEAGDKKPKDAK
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Vogel, R.O., (2007) J. Biol. Chem. 282 (10), 7582-7590
Description of Target	This gene encodes one of the iron-sulfur protein (IP) components of mitochondrial NADH:ubiquinone oxidoreductase (complex I). Mutations in this gene are associated with Leigh syndrome resulting from mitochondrial complex I deficiency.
Protein Interactions	HUWE1; UBC; PARK2; ADRB2; ILK; RASL10B; VCAM1; ITGA4; FN1; Htt; NDUFS7; TMEM14C; SAMM50; MRPL3; SURF1; SSBP1; SLC3A2; SDHA; NDUFV2; NDUFS8; NDUFV1; NDUFS2; NDUF5; PARK7; CUL3; NDUFB6; NDUF9; ND6; GZMA; MYC; ICT1;
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-NDUFS3 (ARP56579_P050-FITC) antibody
Blocking Peptide	For anti-NDUFS3 (ARP56579_P050-FITC) antibody is Catalog# AAP56579 (Previous Catalog# AAPP39236)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human NDUFS3
Uniprot ID	O75489
Protein Name	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial
Protein Accession #	NP_004542
Purification	Affinity Purified
Nucleotide Accession #	NM_004551
Gene Symbol	NDUFS3
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 93%; Rabbit: 100%; Rat: 93%

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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