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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NDP Antibody - middle region : FITC (ARP56082_P050-FITC)

Data Sheet

Product Number	ARP56082_P050-FITC
Product Page	www.avivasysbio.com/ndp-antibody-middle-region-fitc-arp56082-p050-fitc.html
Name	NDP Antibody - middle region : FITC (ARP56082_P050-FITC)
Protein Size (# AA)	133 amino acids
Molecular Weight	15kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	4693
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Norrie disease (pseudoglioma)
Alias Symbols	ND, EVR2, FEVR
Peptide Sequence	Synthetic peptide located within the following region: DPRRCMRHHYVDSISHPLYKCSSKMVLLARCEGHCSQASRSEPLVSFSTV
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Khan,A.O., (2008) Ophthalmology 115 (4), 730-733
Description of Target	NDP activates the canonical Wnt signaling pathway through FZD4 and LRP5 coreceptor. NDP plays a central role in retinal vascularization by acting as a ligand for FZD4 that signals via stabilizing beta-catenin (CTNNB1) and activating LEF/TCF-mediated transcriptional programs. NDP acts in concert with TSPAN12 to activate FZD4 independently of the Wnt-dependent activation of FZD4, suggesting the existence of a Wnt-independent signaling that also promote accumulation the beta-catenin (CTNNB1). NDP may be involved in a pathway that regulates neural cell differentiation and proliferation. NDP is the genetic locus identified as harboring mutations that result in Norrie disease. Norrie disease is a rare genetic disorder characterized by bilateral congenital blindness that is caused by a vascularized mass behind each lens due to a maldeveloped retina (pseudoglioma). Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-94 AL034370.1 53727-53820 c 95-1761 X65882.1 1-1667 1762-1935 BE139596.1 1-174 c
Protein Interactions	FZD4; NDP; BAG3; APP; LGALS8; PPP1CA;
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-NDP (ARP56082_P050-FITC) antibody
Blocking Peptide	For anti-NDP (ARP56082_P050-FITC) antibody is Catalog # AAP56082 (Previous Catalog # AAPP37547)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human NDP
Uniprot ID	Q00604
Protein Name	Norrin
Protein Accession #	NP_000257
Purification	Affinity Purified
Nucleotide Accession #	NM_000266
Gene Symbol	NDP
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit

Application	IHC, WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
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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