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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	ARP53603_P050-Biotin
Product Page	www.avivasysbio.com/odf2-antibody-n-terminal-region-biotin-arp53603-p050-biotin.html
Name	ODF2 Antibody - N-terminal region : Biotin (ARP53603_P050-Biotin)
Protein Size (# AA)	805 amino acids
Molecular Weight	89kDa
Conjugation	Biotin
NCBI Gene Id	4957
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Outer dense fiber of sperm tails 2
Alias Symbols	CT134, ODF84, ODF2/1, ODF2/2
Peptide Sequence	Synthetic peptide located within the following region: TCTDINTLTRQKELLQKLSSTFEETNRTLRLDLLREQHCKEDSERLMEQQG
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Soung,N.K., (2006) Mol. Cell. Biol. 26 (22), 8316-8335
Description of Target	The outer dense fibers are cytoskeletal structures that surround the axoneme in the middle piece and principal piece of the sperm tail. The fibers function in maintaining the elastic structure and recoil of the sperm tail as well as in protecting the tail from shear forces during epididymal transport and ejaculation. Defects in the outer dense fibers lead to abnormal sperm morphology and infertility. ODF2 is one of the major outer dense fiber proteins. The outer dense fibers are cytoskeletal structures that surround the axoneme in the middle piece and principal piece of the sperm tail. The fibers function in maintaining the elastic structure and recoil of the sperm tail as well as in protecting the tail from shear forces during epididymal transport and ejaculation. Defects in the outer dense fibers lead to abnormal sperm morphology and infertility. This gene encodes one of the major outer dense fiber proteins. Multiple protein isoforms are encoded by transcript variants of this gene; however, not all isoforms and variants have been fully described.
Protein Interactions	UBC; MARK4; FBXO25; BRCA1; APP; SP1; ELAVL1; SVIL; ODF1;
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-ODF2 (ARP53603_P050-Biotin) antibody
Blocking Peptide	For anti-ODF2 (ARP53603_P050-Biotin) antibody is Catalog # AAP53603 (Previous Catalog # AAPP31120)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ODF2
Uniprot ID	Q5BJF6-3
Protein Name	Outer dense fiber protein 2
Protein Accession #	NP_002531
Purification	Affinity Purified
Nucleotide Accession #	NM_002540
Gene Symbol	ODF2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB

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