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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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TNP1 Antibody - N-terminal region : FITC (ARP53607_P050-FITC)

Data Sheet

Product Number	ARP53607_P050-FITC
Product Page	www.avivasysbio.com/tnp1-antibody-n-terminal-region-fitc-arp53607-p050-fitc.html
Name	TNP1 Antibody - N-terminal region : FITC (ARP53607_P050-FITC)
Protein Size (# AA)	55 amino acids
Molecular Weight	6kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	7141
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Transition protein 1 (during histone to protamine replacement)
Alias Symbols	TP1
Peptide Sequence	Synthetic peptide located within the following region: MSTSRKCLKSHGMRRSKSRSPHKGVKRGGSKRKYRKGNLKSRLRGDDANRN
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Jedrzejczak,P., (2007) Arch. Androl. 53 (4), 199-205
Description of Target	TNP1 is a spermatid-specific product of the haploid genome which replaces histone and is itself replaced in the mature sperm by the protamines. Transition protein-1 is a spermatid-specific product of the haploid genome which replaces histone and is itself replaced in the mature sperm by the protamines (see PRM1, MIM 182880; PRM2, MIM 182890) (Luerssen et al., 1990 [PubMed 2249851]).[supplied by OMIM]. Sequence Note: removed 4 bases from the 5' end that did not align to the reference genome assembly. 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.
Protein Interactions	SDCBP2; PPARG; PPARG; PPARG; CSNK2A1; PRKCA; PRKACG; PRKACB; PRKACA;
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-TNP1 (ARP53607_P050-FITC) antibody
Blocking Peptide	For anti-TNP1 (ARP53607_P050-FITC) antibody is Catalog # AAP53607 (Previous Catalog # AAP533111)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TNP1
Uniprot ID	P09430
Protein Name	Spermatid nuclear transition protein 1
Protein Accession #	NP_003275
Purification	Affinity Purified
Nucleotide Accession #	NM_003284
Gene Symbol	TNPI
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Sheep
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 92%; Dog: 100%; Guinea Pig: 92%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Sheep: 92%

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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