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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
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- Expressversand

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Product Number	ARP53590_P050-Biotin
Product Page	www.avivasysbio.com/acrv1-antibody-n-terminal-region-biotin-arp53590-p050-biotin.html
Name	ACRV1 Antibody - N-terminal region : Biotin (ARP53590_P050-Biotin)
Protein Size (# AA)	265 amino acids
Molecular Weight	29kDa
Conjugation	Biotin
NCBI Gene Id	56
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Acrosomal vesicle protein 1
Alias Symbols	SP-10, SPACA2, D11S4365
Peptide Sequence	Synthetic peptide located within the following region: MNRFLLLMSLYLLGSARGTSSQPNELSGSIDHQTSVQQLPGEFFSLENPS
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Reddi,P.P., J. Reprod. Immunol. 53 (1-2), 25-36 (2002)
Description of Target	ACRV1 is a testis-specific, differentiation antigen, acrosomal vesicle protein 1, that arises within the acrosomal vesicle during spermatogenesis, and is associated with the acrosomal membranes and matrix of mature sperm. The acrosomal vesicle protein 1 may be involved in sperm-zona binding or penetration, and it is a potential contraceptive vaccine immunogen for humans. This gene encodes a testis-specific, differentiation antigen, acrosomal vesicle protein 1, that arises within the acrosomal vesicle during spermatogenesis, and is associated with the acrosomal membranes and matrix of mature sperm. This gene consists of 4 exons and its alternative splicing generates multiple distinct transcripts, which encode protein isoforms ranging from 81 to 265 amino acids. The longest transcript is the most abundant, comprising 53-72% of the total acrosomal vesicle protein 1 messages; the second largest transcript comprises 15-32%; the third and the fourth largest transcripts account for 3.4-8.3% and 8.7-12.5%, respectively; and the remaining transcripts combined account for < 1% of the total acrosomal vesicle protein 1 message. It is suggested that phenomena of cryptic splicing and exon skipping occur within this gene. The acrosomal vesicle protein 1 may be involved in sperm-zona binding or penetration, and it is a potential contraceptive vaccine immunogen for humans.
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-ACRV1 (ARP53590_P050-Biotin) antibody
Blocking Peptide	For anti-ACRV1 (ARP53590_P050-Biotin) antibody is Catalog # AAP53590 (Previous Catalog # AAPP31111)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ACRV1
Uniprot ID	P26436
Protein Name	Acrosomal protein SP-10
Protein Accession #	NP_001603
Purification	Affinity Purified
Nucleotide Accession #	NM_001612
Gene Symbol	ACRV1
Predicted Species Reactivity	Human, Guinea Pig, Rabbit

Application	WB
Predicted Homology Based on Immunogen Sequence	Guinea Pig: 79%; Human: 100%; Rabbit: 85%
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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