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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	ARP53719_P050-Biotin
Product Page	www.avivasysbio.com/spa17-antibody-n-terminal-region-biotin-arp53719-p050-biotin.html
Name	SPA17 Antibody - N-terminal region : Biotin (ARP53719_P050-Biotin)
Protein Size (# AA)	151 amino acids
Molecular Weight	17kDa
Conjugation	Biotin
NCBI Gene Id	53340
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Sperm autoantigenic protein 17
Alias Symbols	CT22, SP17, SP17-1
Peptide Sequence	Synthetic peptide located within the following region: MSIPFSNTHYRIQGFENLLEGLTREILREQPDNIPAFAAAYFESLLEKR
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	This gene encodes a protein present at the cell surface. The N-terminus has sequence similarity to human cAMP-dependent protein kinase A (PKA) type II alpha regulatory subunit (RIIa) while the C-terminus has an IQ calmodulin-binding motif. The central portion of the protein has carbohydrate binding motifs and likely functions in cell-cell adhesion. The protein was initially characterized by its involvement in the binding of sperm to the zona pellucida of the oocyte. Recent studies indicate that it is also involved in additional cell-cell adhesion functions such as immune cell migration and metastasis. A retrotransposed pseudogene is present on chromosome 10q22.
Protein Interactions	MYL6B; ROPN1; AKAP7; UBC; ROPN1B; AKAP3;
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-SPA17 (ARP53719_P050-Biotin) antibody
Blocking Peptide	For anti-SPA17 (ARP53719_P050-Biotin) antibody is Catalog # AAP53719 (Previous Catalog # AAP43340)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SPA17
Uniprot ID	Q15506
Protein Name	Sperm surface protein Sp17
Protein Accession #	NP_059121
Purification	Affinity Purified
Nucleotide Accession #	NM_017425
Gene Symbol	SPA17
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Sheep, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 79%

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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