



SZABO SCANDIC

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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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP53681_P050-Biotin
Product Page	www.avivasysbio.com/spag6-antibody-middle-region-biotin-arp53681-p050-biotin.html
Name	SPAG6 Antibody - middle region : Biotin (ARP53681_P050-Biotin)
Protein Size (# AA)	509 amino acids
Molecular Weight	56kDa
Conjugation	Biotin
NCBI Gene Id	9576
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Sperm associated antigen 6
Alias Symbols	pfl6, CT141, FAP194, CFAP194, Repro-SA-1
Peptide Sequence	Synthetic peptide located within the following region: HVVGQFSKVLPHDSKARRLFVTSGGLKKVQEIKAEPGSLLQEYINSINSC
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Mehrle,A., Nucleic Acids Res. 34 (DATABASE ISSUE), D415-D418 (2006)
Description of Target	SPAG6 is important for structural integrity of the central apparatus in the sperm tail and for flagellar motility. The correlation of anti-sperm antibodies with cases of unexplained infertility implicates a role for these antibodies in blocking fertilization. Improved diagnosis and treatment of immunologic infertility, as well as identification of proteins for targeted contraception, are dependent on the identification and characterization of relevant sperm antigens. The protein expressed by this gene is recognized by anti-sperm antibodies from an infertile man. This protein localizes to the tail of permeabilized human sperm and contains eight contiguous armadillo repeats, a motif known to mediate protein-protein interactions. Studies in mice suggest that this protein is involved in sperm flagellar motility and maintenance of the structural integrity of mature sperm. Alternatively spliced variants that encode different protein isoforms have been described but the full-length sequences of only two have been determined.
Protein Interactions	APP; SPAG16;
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-SPAG6 (ARP53681_P050-Biotin) antibody
Blocking Peptide	For anti-SPAG6 (ARP53681_P050-Biotin) antibody is Catalog # AAP53681 (Previous Catalog # AAPP30523)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SPAG6
Uniprot ID	O75602
Protein Name	Sperm-associated antigen 6
Protein Accession #	NP_036575
Purification	Affinity Purified
Nucleotide Accession #	NM_012443
Gene Symbol	SPAG6
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 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.