

# Product Datasheet

## SPAG16 Antibody NBP1-47220

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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**NBP1-47220**

## SPAG16 Antibody

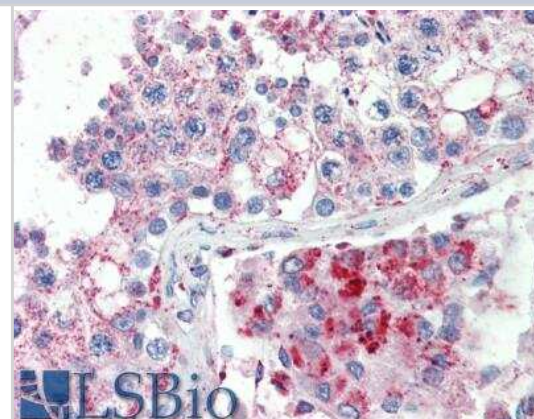
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat SPAG16 Antibody (NBP1-47220) is a polyclonal antibody validated for use in IHC and ELISA. Anti-SPAG16 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	79582
Gene Symbol	SPAG16
Species	Human, Mouse, Bovine, Canine
Specificity/Sensitivity	This antibody is expected to recognize isoform 1 (NP_078808.3) only.
Immunogen	Peptide with sequence C-KLHYASYEPTIR corresponding to internal region according to NP_078808.3.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Preliminary experiments gave bands at approx. 55 kDa band and 22 kDa band in human testis lysates after 0.3 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 70.8 kDa band according to NP_078808.3. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands).

**Images**

Immunohistochemistry-Paraffin: SPAG16 Antibody [NBP1-47220] - Staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Zhang Z, Zariwala MA, Mahadevan MM et al. A heterozygous mutation disrupting the SPAG16 gene results in biochemical instability of central apparatus components of the human sperm axoneme. Biol Reprod 2007-11-01 [PMID: 17699735]





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### Products Related to NBP1-47220

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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00079582-P01-10ug	Recombinant Human SPAG16 GST (N-Term) Protein

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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