

For Research Use Only

# SPAG4-Specific Recombinant antibody

Catalog Number: 84842-1-RR



## Basic Information

Catalog Number:	84842-1-RR	GenBank Accession Number:	NM_003116	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	6676	CloneNo.:	241920E1
Source:	Rabbit	UNIPROT ID:	Q9NPE6	Recommended Dilutions:	IHC 1:200-1:800
Isotype:	IgG	Full Name:	sperm associated antigen 4		
		Calculated MW:	48 kDa		

## Applications

Tested Applications: IHC, ELISA  
Positive Controls: IHC: mouse testis tissue,

Species Specificity:  
human, mouse

**Note-IHC: suggested antigen retrieval with  
TE buffer pH 9.0; (\*) Alternatively, antigen  
retrieval may be performed with citrate  
buffer pH 6.0**

## Background Information

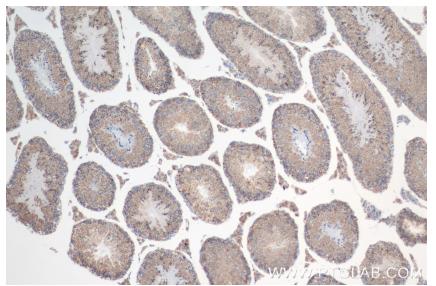
SPAG4 may assist the organization and assembly of outer dense fibers (ODFs), a specific structure of the sperm tail.  
  
Storage:  
Store at -20°C. Stable for one year after shipment.  
Storage Buffer:  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

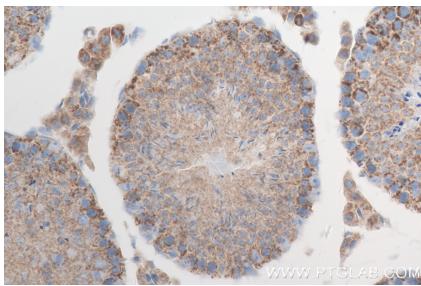
For technical support and original validation data for this product please contact:  
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 84842-1-RR (SPAG4-Specific antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 84842-1-RR (SPAG4-Specific antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).