

# Datasheet for ABIN630959

# anti-SPAG8 antibody (Middle Region)





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Overview		
Quantity:	100 μL	
Target:	SPAG8	
Binding Specificity:	Middle Region	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SPAG8 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	SPAG8 antibody was raised using the middle region of SPAG8 corresponding to a region with	
	amino acids PAPTKPHDYRQEQPETFWIQRAPQLPTWWPLPTQVPAAEDYLTWKEWGFT	
Specificity:	SPAG8 antibody was raised against the middle region of SPAG8	
Purification:	Affinity purified	
Target Details		
Target:	SPAG8	
Alternative Name:	SPAG8 (SPAG8 Products)	
Background:	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	

# **Target Details**

identification and characterization of relevant sperm antigens. SPAG8 is recognised by sperm
agglutinating antibodies from an infertile woman. This protein is localized in germ cells of the
testis at all stages of spermatogenesis and is localized to the acrosomal region of mature
spermatozoa.

Molecular Weight:

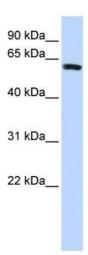
53 kDa (MW of target protein)

# **Application Details**

Application Notes:	WB: 1 µg/mL		
	Optimal conditions should be determined by the investigator.		
Comment:	SPAG8 Blocking Peptide, catalog no. 33R-6974, is also available for use as a blocking control in		
	assays to test for specificity of this SPAG8 antibody		
Restrictions:	For Research Use only		

# Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of SPAG8 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles.  Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



#### **Western Blotting**

**Image 1.** SPAG8 antibody used at 1 ug/ml to detect target protein.