



[Go to Product page](#)

Datasheet for ABIN656754

## anti-SPAG8 antibody (C-Term)

### 1 Image

#### Overview

Quantity:	400 µL
Target:	SPAG8
Binding Specificity:	AA 383-411, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPAG8 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	This SPAG8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 383-411 amino acids from the C-terminal region of human SPAG8.
Clone:	RB32527
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	SPAG8
Alternative Name:	SPAG8 ( <a href="#">SPAG8 Products</a> )
Background:	The correlation of anti-sperm antibodies with cases of unexplained infertility implicates a role

## Target Details

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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 encoded by this gene is recognized 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. Alternatively spliced variants that encode different protein isoforms have been described but the full-length sequences of only two have been determined.

Molecular Weight:	51139
Gene ID:	26206
NCBI Accession:	<a href="#">NP_001034681</a> , <a href="#">NP_758516</a>
UniProt:	<a href="#">Q99932</a>

## Application Details

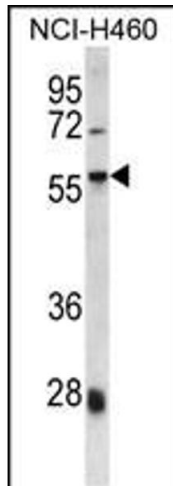
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Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	SPAG8 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



#### Western Blotting

**Image 1.** SG8 Antibody (C-term) (ABIN656754 and ABIN2845976) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the SG8 antibody detected the SG8 protein (arrow).