



Rabbit Anti-SPAG8 antibody

SL7876R

Product Name:	SPAG8
Chinese Name:	精子相关抗原8抗体
Alias:	HSD 1; HSD1; hSMP1; MH SPAG8; OTTMUSP00000032209; SMP1; SPAG3; Sperm associated antigen 8; Sperm associated antigen 8 like protein; Sperm membrane protein 1; MGC26201; OTTHUMP00000021352; BS 84; SPAG8_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Horse,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	45kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SPAG8:342-426/426
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	SPAG8 is a human sperm membrane protein expressed during development and is a testis-specific component produced during male germ cell differentiation. 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.

Function:

May play a role in fertility and microtubule formation through interaction with RANBP9.

Subunit:

Interacts with RANBP9.

Subcellular Location:

Cytoplasmic vesicle, secretory vesicle, acrosome.

Tissue Specificity:

Expressed in testis (germ cells), but not in liver, kidney, prostate and small intestine.

SWISS:

Q99932

Gene ID:

26206

Database links:

UniProtKB/Swiss-Prot: Q99932.2

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

www.sunlongbiotech.com