

Rabbit SPAG8 Polyclonal Antibody | anti-SPAG8 antibody

SPAG8 Polyclonal Antibody

CATALOG # AAA167034	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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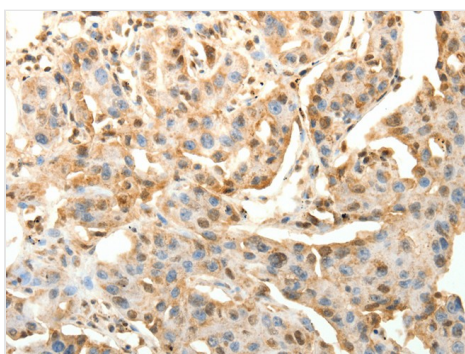
PRODUCT SYNONYMS

SPAG8; Polyclonal Antibody; SPAG8 Polyclonal Antibody; SMP1; BS-84; HSD-1; SPAG3; hSMP-1; anti-SPAG8 antibody

PRODUCT SPECIFICATIONS

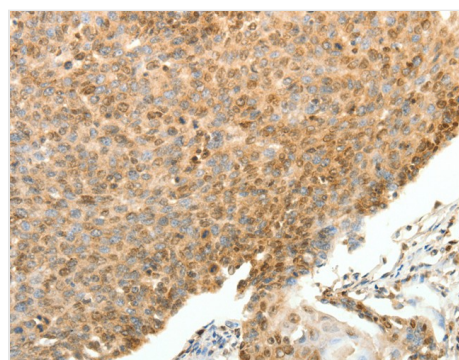
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.8mg/mL (varies by lot)
Sequence Length	485
Applicable Applications for anti-SPAG8 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human SPAG8
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using SPAG8 Polyclonal Antibody at dilution 1:25



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using SPAG8 Polyclonal Antibody at dilution 1:25

ADDITIONAL INFORMATION

Related Product Information for anti-SPAG8 antibody	The correlation of anti-sperm antibodies with cases of unexplained infertility implicates a role for these antibodies in blocking fertilization. Improved identification 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. This protein interacts with ACT (activator of CREM in testis) and may play a role in CREM (cAMP response element modulator)-ACT-mediated gene transcription during spermatogenesis. This protein may also play a role in spermatogenesis by regulating microtubule formation and cell division. Alternatively spliced variants that encode different protein isoforms have been described but the full-length sequences of only two have been determined.
Product Categories/Family for anti-SPAG8 antibody	Stem cells; Cell biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	88853066
NCBI GeneID	26206
NCBI Accession #	NP_001034681.1
NCBI GenBank Nucleotide #	NM_001039592.1
Molecular Weight	51,139 Da
NCBI Official Full Name	sperm-associated antigen 8 isoform 1
NCBI Official Synonym Full Names	sperm associated antigen 8
NCBI Official Symbol	SPAG8
NCBI Official Synonym Symbols	SMP1; BS-84; CT142; HSD-1; SPAG3; CILD28; hSMP-1
NCBI Protein Information	sperm-associated antigen 8; sperm membrane protein 1; sperm membrane protein BS-84
UniProt Protein Name	Sperm-associated antigen 8
UniProt Gene Name	SPAG8
UniProt Synonym Gene Names	SMP-1
UniProt Entry Name	SPAG8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/spag8-antibody-immunohistochemistry-elisa/167034>