



## Rabbit Anti-SPAG11A antibody

SL17617R

<b>Product Name:</b>	SPAG11A
<b>Chinese Name:</b>	精子相关抗原11A抗体
<b>Alias:</b>	EP2; 9230111C08Rik; Bin1b; EDDM2A; EP2; EP2e; EP2Q; He2; Human epididymis-specific protein 2; Protein EP2; SG11A_HUMAN; Spag11; SPAG11A; Sperm antigen HE2; Sperm-associated antigen 11A.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Monkey,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	11kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human SPAG11A:31-100/123
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	SPAG11A is a 103 amino acid precursor protein that exists as four alternatively spliced isoforms, designated EP2A, EP2B, EP2C and EP2D, all of which are androgen-dependent, epididymis-specific secretory proteins that may play a role in sperm maturation and overall function. The gene encoding the SPAG11B precursor maps to a region on chromosome 8 that is near the $\beta$ -defensin gene cluster and it is suggested that

SPAG11B may exhibit functional characteristics (such as antimicrobial activity) that are similar to  $\beta$ -defensins. Human chromosome 8, on which the SPAG11B gene is localized, consists of nearly 146 million base pairs and houses more than 800 genes, some of which are associated with a variety of diseases and malignancies.

**Subcellular Location:**

Secreted.

**Similarity:**

Belongs to the SPAG11 family.

**SWISS:**

Q6PDA7

**Gene ID:**

653423

**Database links:**

[Entrez Gene: 653423](#) Human

[SwissProt: P43116](#) Human

[SwissProt: Q6PDA7](#) Human

[Unigene: 2717](#) Human

**Important Note:**

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