



# Anti-SPAG11B polyclonal antibody (CABT-BL3417)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	A synthetic peptide corresponding to a region of Human SPAG11B
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA
<b>Reconstitution</b>	Add 50 µl of distilled water. Final antibody concentration is 1 mg/ml.
<b>Cellular Localization</b>	Secreted
<b>Format</b>	Lyophilised
<b>Buffer</b>	2% Sucrose, PBS
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

## BACKGROUND

**Introduction** This gene encodes several androgen-dependent, epididymis-specific secretory proteins. The

specific functions of these proteins have not been determined, but they are thought to be involved in sperm maturation. Some of the isoforms contain regions of similarity to beta-defensins, a family of antimicrobial peptides. The gene is located on chromosome 8p23 near the defensin gene cluster. Alternative splicing of this gene results in seven transcript variants encoding different isoforms. Two different N-terminal and five different C-terminal protein sequences are encoded by the splice variants. Two additional variants have been described, but their full length sequences have not been determined.

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## GENE INFORMATION

Entrez Gene ID	<a href="#">10407</a>
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Protein Refseq	<a href="#">NP_478108</a>
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UniProt ID	<a href="#">Q08648</a>
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