

Product datasheet for **TA335410**

SPAG11B Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-SPAG11B Antibody: synthetic peptide directed towards the N terminal of human SPAG11B. Synthetic peptide located within the following region: MRQRLPSVTSLLLVALLPFGSSQARHVNHSATEALGELRERAPGQGTNG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	15 kDa
Gene Name:	sperm associated antigen 11B
Database Link:	NP_478108 Entrez Gene 10407 Human Q6PDA7



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Background:

SPAG11B is one of 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. 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.

Synonyms:

EDDM2B; EP2; EP2C; EP2D; HE2; HE2C; SPAG11

Note:

Immunogen Sequence Homology: Human: 100%

Protein Families:

Secreted Protein

Product images:

WB Suggested Anti-SPAG11B Antibody Titration:
0.2-1 ug/ml; Positive Control: Human Muscle