



[Go to Product page](#)

Datasheet for ABIN2785534
anti-SPAG11B antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	SPAG11B
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPAG11B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SPAG11B
Sequence:	MRQRLLPSVT SLLLVALLFP GSSQARHVNH SATEALGELR ERAPGQGTNG
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against SPAG11B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SPAG11B
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Target Details

Alternative Name:	SPAG11B (SPAG11B Products)
Background:	<p>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.</p> <p>Alias Symbols: EP2, EP2C, EP2D, HE2, HE2C, MGC61846, SPAG11, EDDM2B</p> <p>Protein Size: 133</p>
Molecular Weight:	15 kDa
Gene ID:	10407
NCBI Accession:	NM_058201 , NP_478108

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 133 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-SPAG11B Antibody Titration:

0.2-1 ug/ml

Positive Control: Human Muscle