

Datasheet for ABIN359537
anti-SPAG9 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	SPAG9
Binding Specificity:	AA 98-128, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPAG9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 98~128 amino acids from the N-terminal region of Human SPAG9 . Genename: SPAG9
Isotype:	Ig Fraction
Specificity:	This antibody detects Human SPAG9 at N-term. Other soecies not tested
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	SPAG9
Alternative Name:	SPAG9 / JIP4 (SPAG9 Products)

Target Details

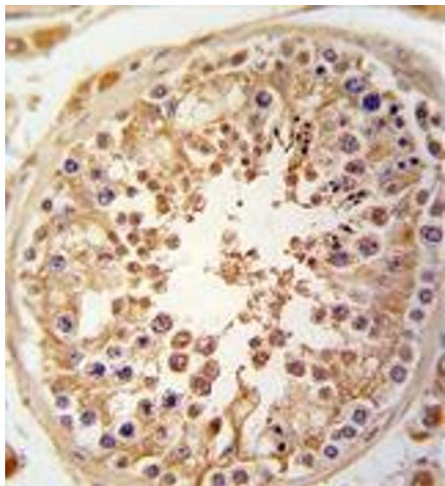
Background:	SPAG9, which is abundantly expressed in testicular haploid germ cells, is recognized by sperm-agglutinating antibodies and implicated in infertility.Synonyms: C-jun-amino-terminal kinase-interacting protein 4, CT89, Cancer/testis antigen 89, HLC-6, HLC6, HSS, Human lung cancer oncogene 6 protein, JIP-4, JNK-associated leucine-zipper protein, JNK-interacting protein 4, KIAA0516, MAPK8IP4, Mitogen-activated protein kinase 8-interacting protein 4, PHET, Proliferation-inducing protein 6, Protein highly expressed in testis, SYD1, Sperm surface protein, Sperm-associated antigen 9, Sperm-specific protein, Sunday driver 1
Molecular Weight:	146205 Da
Gene ID:	9043, 9606
UniProt:	O60271
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	ELISA 1: 1,000. Western blot 1: 50 - 1: 100. Immunohistochemistry 1: 10 - 1: 50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

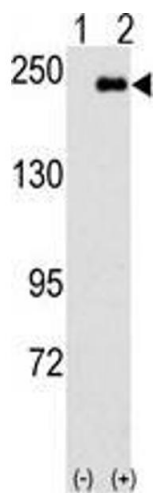
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) Sodium Azide
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 Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human testis tissue reacted with SPAG9 antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of SPAG9 (arrow) using rabbit polyclonal SPAG9 (N-term) Antibody . 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the SPAG9 (N-term) gene (Lane 2) (Origene Technologies).