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Datasheet for ABIN7192618 anti-SPAG6 antibody

Image



Overview

Quantity:	100 μL
Target:	SPAG6
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPAG6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

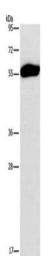
Immunogen:	Synthetic peptide of Human SPAG6
Isotype:	lgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen affinity purification

Target Details

Target:	SPAG6
Alternative Name:	SPAG6 (SPAG6 Products)
Background:	Background: The correlation of anti-sperm antibodies with cases of unexplained infertility implicates a role for these antibodies in blocking fertilization. Improved diagnosis and
	treatment of immunologic infertility, as well as identification of proteins for targeted contraception, are dependent on the identification and characterization of relevant sperm

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	 antigens. The protein expressed by this gene is recognized by anti-sperm antibodies from an infertile man. This protein localizes to the tail of permeabilized human sperm and contains eight contiguous armadillo repeats, a motif known to mediate protein-protein interactions. Studies in mice suggest that this protein is involved in sperm flagellar motility and maintenance of the structural integrity of mature sperm. Aliases: axoneme central apparatus protein antibody, DKFZp434I153 antibody, MGC26276 antibody, PF16 antibody, PF16 protein homolog antibody, Protein PF16 homolog antibody, Repro SA 1 antibody, Repro-SA-1 antibody, SPAG6 antibody, SPAG6_HUMAN antibody, Sperm associated antigen 6 antibody, Sperm flagellar protein antibody, Sperm-associated antigen 6
	antibody
UniProt:	075602
Application Details	
Application Notes:	ELISA:1:1000-1:2000, WB:1:200-1:1000,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	-20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Gel: 8 % SDS-PAGE, Lysate: 40 µg, Lane: Human testis tissue, Primary antibody: ABIN7192618(SPAG6 Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 10 minutes

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