

Datasheet for ABIN7192618

**anti-SPAG6 antibody**[Go to Product page](#)**1** 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:          | IgG                              |
| Cross-Reactivity: | Human, Mouse                     |
| Purification:     | Antigen affinity purification    |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | SPAG6  |
| Alternative Name: | SPAG6 ( <a href="#">SPAG6 Products</a> )   |
| 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 |

## Target Details

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