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Datasheet for ABIN7170487
anti-SPAG8 antibody (AA 236-409) (HRP)

Overview

Quantity:	100 µg
Target:	SPAG8
Binding Specificity:	AA 236-409
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPAG8 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Sperm-associated antigen 8 protein (236-409AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SPAG8
Alternative Name:	SPAG8 (SPAG8 Products)
Background:	Background: Plays a role in spermatogenesis by enhancing the binding of CREM isoform tau to its coactivator FHL5 and increasing the FHL5-regulated transcriptional activation of CREM

Target Details

isoform tau (By similarity). Involved in the acrosome reaction and in binding of sperm to the zona pellucida (By similarity). Plays a role in regulation of the cell cycle by controlling progression through the G2/M phase, possibly by delaying the activation of CDK1 which is required for entry into mitosis (PubMed:19548270). May play a role in fertility and microtubule formation through interaction with RANBP9 (PubMed:10500252).

Aliases: BS 84 antibody, CILD28 antibody, HSD 1 antibody, HSD-1 antibody, HSD1 antibody, hSMP1 antibody, MGC26201 antibody, MH SPAG8 antibody, OTTHUMP00000021352 antibody, OTTMUSP00000032209 antibody, SMP-1 antibody, SMP1 antibody, SPAG3 antibody, SPAG8 antibody, SPAG8_HUMAN antibody, Sperm associated antigen 8 antibody, Sperm associated antigen 8 like protein antibody, Sperm membrane protein 1 antibody, Sperm membrane protein BS-84 antibody, Sperm-associated antigen 8 antibody, Testicular tissue protein Li 177 antibody

UniProt: [Q99932](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: 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.