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Datasheet for ABIN7119396
anti-SPAG8 antibody

Overview

Quantity:	100 µg
Target:	SPAG8
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPAG8 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	sperm associated antigen 8
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	SPAG8
Alternative Name:	SPAG8 (SPAG8 Products)
Background:	Synonyms: 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 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

Target Details

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).

Molecular Weight: 56-65 kDa

Gene ID: 26206

UniProt: [Q99932](#)

Application Details

Application Notes: WB: 1:500-1:2000, IP: 1:200-1:1000, IHC: 1:20-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months