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Datasheet for ABIN7451646 anti-SPAG5 antibody (AA 875-925)

Overview

Quantity:	20 µg
Target:	SPAG5
Binding Specificity:	AA 875-925
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPAG5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-Astrin/MAP126 Antibody, Affinity Purified
Immunogen:	between AA 875 and 925
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	SPAG5
Alternative Name:	Astrin/MAP126 (SPAG5 Products)
Background:	Background: Astrin/MAP126 has been identified as a mitotic spindle-associated protein essential for centrosome integrity and the progression through mitosis. Astrin/MAP126

Target Details

interacts with Ninein and Aurora-A at the centrosome. Ninein, but not Aurora-A, appears to be required for proper localization of Astrin/MAP126 to the centrosome during S and G2 phase. A pool of Astrin/MAP126 also localizes to the outer kinetochore where it plays an essential role in chromatid adhesion and chromosome congression and segregation. The localization of Astrin/MAP126 to the spindle pole and kinetochore has been shown to be dependent on its phosphorylation by glycogen synthase kinase 3beta (GSK3beta).

Gene ID: 10615

NCBI Accession: [NP_006452](#)

UniProt: [Q96R06](#)

Pathways: [M Phase](#)

Application Details

Application Notes: IP: 2 - 5 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % 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.

Storage: 4 °C

Expiry Date: 12 months