

SPAG5 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250866

Unit: 0.1 mg

Description:

Sperm-associated antigen 5 (SPAG5) is necessary for normal spindle formation during mitosis. SPAG5 consists of a homodimer with a globular head domain and a long stalk or oligomer resulting in aster-like structures that bind to microtubules in the mitotic spindle. SPAG5 is highly expressed in testis and also detected at low levels in placenta, liver, pancreas, thymus and colon. SPAG5 expression is cell cycle-regulated, with an increase from prophase to cytokinesis and return to basal levels at the next G1 phase.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: B, D, H, M, R

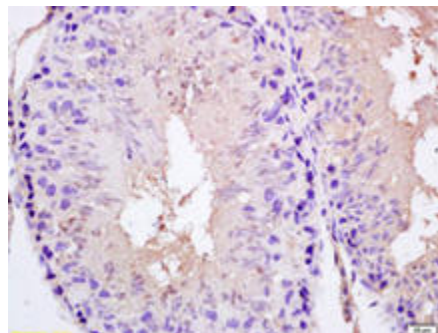
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: SPAG5; MAP126; Sperm-associated antigen 5; Astrin; Mitotic spindle-associated protein p126; Deepest

Accession No.: Q96R06

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SPAG5.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



SPAG5 staining in rat testis. Formalin-fixed paraffin-embedded rat testis is stained with SPAG5 Antibody (Cat. No. 250866) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.