

Anti-MAP126 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Dog,Pig,Cow,Horse)
Molecular Weight:	Theoretical: 134 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-SPAG5/MAP126/Astrin Polyclonal Antibody, Unconjugated (TMAB-08553) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining</p> <p>2. Tissue/cell: rat testis tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-SPAG5/MAP126/Astrin Polyclonal Antibody, Unconjugated (TMAB-08553) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining</p> <p>3. Blank control (black line): Hela.</p> <p>Primary Antibody (green line): Rabbit Anti-MAP126 antibody (TMAB-08553) Dilution: 1 µg/Test; Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC Dilution: 0.5 µg/Test. Isotype control (orange line): Normal Rabbit IgG</p> <p>Protocol The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.</p>
	<p>Application: IHC-P,IHC-Fr,IF,FCM</p> <p>Recommended IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 1µg/Test</p>

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human SPAG5
Antigen Species: Human
Gene ID: 10615
Uniprot ID: Q96R06

Research Background

A novel gene product, hMAP126, interacts with p29 in the yeast two-hybrid assay. The subcellular distribution of hMAP126 was localized to the mitotic spindle and is phosphorylated by p34(cdc2) kinase. Human MAP126 is likely involved in the functional and dynamic regulation of mitotic spindles.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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