



# CSPP1 Polyclonal Antibody

<b>Catalog No</b>	BYab-05452
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	CSPP1 CSPP
<b>Protein Name</b>	Centrosome and spindle pole-associated protein 1
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	CSPP1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	138kD
<b>Cell Pathway</b>	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Cytoplasm, cytoskeleton, spindle pole . Associated with mitotic spindles.
<b>Tissue Specificity</b>	Expressed in adult and fetal brain with enrichment in the cerebellum. Detected in testis.
<b>Function</b>	developmental stage:Expression of isoform 1 increases throughout the cell cycle and peaks in G2/M phase. Expression of isoform 2 is highest in G1 phase and decreases thereafter.,function:May play a role in cell-cycle-dependent microtubule organization.,PTM:Phosphorylated. Phosphorylation increases in colcemide-treated cells.,subcellular location:Associated with mitotic spindles.,tissue specificity:Detected in testis.,
<b>Background</b>	centrosome and spindle pole associated protein 1(CSPP1) Homo sapiens This gene encodes a centrosome and spindle pole associated protein. The encoded protein plays a role in cell-cycle progression and spindle organization, regulates cytokinesis, interacts with Nephrocystin 8 and is required for cilia

**Nanjing BYabscience technology Co.,Ltd**



formation. Mutations in this gene result in primary cilia abnormalities and classical Joubert syndrome. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Apr 2014],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**