



CSPP1 Monoclonal Antibody

Catalog No	BYmab-05452
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	CSPP1 CSPP
Protein Name	Centrosome and spindle pole-associated protein 1
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CSPP1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	138kD
Cell Pathway	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Cytoplasm, cytoskeleton, spindle pole . Associated with mitotic spindles.
Tissue Specificity	Expressed in adult and fetal brain with enrichment in the cerebellum. Detected in testis.
Function	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.,
Background	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

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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