



CSPP1 Monoclonal Antibody

Catalog No	YP-mAb-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 1:500-1:2000
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 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