



# CSPP1 Polyclonal Antibody

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|---------------------------|--|
| <b>Catalog No</b>         | YP-Ab-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 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**