

## Anti-Tubulin gamma antibody

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|-------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>      | Rabbit polyclonal to Tubulin gamma.                                                                                   |
| <b>Model</b>            | STJ96146                                                                                                              |
| <b>Host</b>             | Rabbit                                                                                                                |
| <b>Reactivity</b>       | Human, Mouse, Rat                                                                                                     |
| <b>Applications</b>     | ELISA, IHC, WB                                                                                                        |
| <b>Immunogen</b>        | Synthesized peptide derived from human Tubulin gamma                                                                  |
| <b>Immunogen Region</b> | 360-440 aa, C-terminal                                                                                                |
| <b>Gene ID</b>          | <a href="#">7283</a>                                                                                                  |
| <b>Gene Symbol</b>      | <a href="#">TUBG1</a>                                                                                                 |
| <b>Dilution range</b>   | WB 1:500-1:2000IHC 1:100-1:300ELISA 1:5000                                                                            |
| <b>Specificity</b>      | Tubulin gamma Polyclonal Antibody detects endogenous levels of Tubulin gamma protein.                                 |
| <b>Purification</b>     | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Note</b>             | For Research Use Only (RUO).                                                                                          |
| <b>Protein Name</b>     | Tubulin gamma-1 chain Gamma-1-tubulin Gamma-tubulin complex component 1 GCP-1                                         |
| <b>Molecular Weight</b> | 51 kDa                                                                                                                |
| <b>Clonality</b>        | Polyclonal                                                                                                            |
| <b>Conjugation</b>      | Unconjugated                                                                                                          |

|                                         |                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Isotype</b>                          | IgG                                                                                                                                                                                                                                                                                                  |
| <b>Formulation</b>                      | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                              |
| <b>Concentration</b>                    | 1 mg/ml                                                                                                                                                                                                                                                                                              |
| <b>Storage Instruction</b>              | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                                                                                                                                                                                                 |
| <b>Database Links</b>                   | <a href="#">HGNC:12417OMIM:191135</a>                                                                                                                                                                                                                                                                |
| <b>Alternative Names</b>                | Tubulin gamma-1 chain Gamma-1-tubulin Gamma-tubulin complex component 1 GCP-1                                                                                                                                                                                                                        |
| <b>Function</b>                         | Tubulin is the major constituent of microtubules. The gamma chain is found at microtubule organizing centers (MTOC) such as the spindle poles or the centrosome. Pericentriolar matrix component that regulates alpha/beta chain minus-end nucleation, centrosome duplication and spindle formation. |
| <b>Cellular Localization</b>            | Cytoplasm, cytoskeleton, microtubule organizing center, centrosome                                                                                                                                                                                                                                   |
| <b>Post-translational Modifications</b> | Phosphorylation at Ser-131 by BRSK1 regulates centrosome duplication, possibly by mediating relocation of gamma-tubulin and its associated proteins from the cytoplasm to the centrosome.                                                                                                            |

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