

Anti-Tubulin gamma antibody



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

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:12417OMIM:191135
Alternative Names	Tubulin gamma-1 chain Gamma-1-tubulin Gamma-tubulin complex component 1 GCP-1
Function	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.
Cellular Localization	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome
Post-translational Modifications	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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