

gamma Tubulin Rabbit mAb

Catalog # AP76507

Product Information

Application	WB, IP, ICC
Primary Accession	P23258
Reactivity	Human, Mouse, Rat, Hamster
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	51170

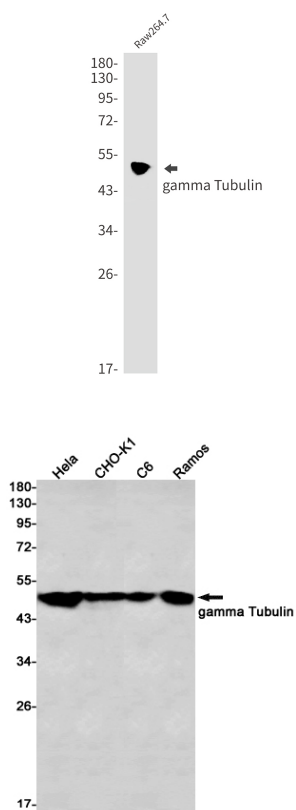
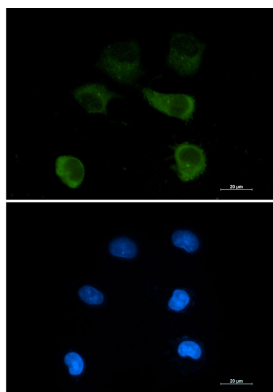
Additional Information

Gene ID	7283
Other Names	TUBG1
Dilution	WB~~1/500-1/1000 IP~~1/20 ICC~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	TUBG1 (HGNC:12417)
Synonyms	TUBG
Function	Tubulin is the major constituent of microtubules, protein filaments consisting of alpha- and beta-tubulin heterodimers (PubMed: 38305685 , PubMed: 38609661 , PubMed: 39321809). Gamma-tubulin is a key component of the gamma-tubulin ring complex (gTuRC) which mediates microtubule nucleation (PubMed: 38305685 , PubMed: 38609661 , PubMed: 39321809). The gTuRC regulates the minus-end nucleation of alpha-beta tubulin heterodimers that grow into microtubule protofilaments, a critical step in centrosome duplication and spindle formation (PubMed: 38305685 , PubMed: 38609661 , PubMed: 39321809).
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Note=Localizes to mitotic spindle microtubules.

Images



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