

TUBG2 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI13784

Product Information

Application	WB
Primary Accession	Q9NRH3
Other Accession	NM_016437 , NP_057521
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine, Yeast
Predicted Host	Mouse, Rabbit, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 51092

Additional Information

Gene ID	27175
Alias Symbol	MGC131994
Other Names	Tubulin gamma-2 chain, Gamma-2-tubulin, TUBG2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-TUBG2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	TUBG2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

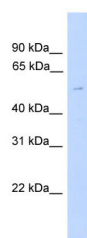
Protein Information

Name	TUBG2
Function	Tubulin is the major constituent of microtubules, protein filaments consisting of alpha- and beta-tubulin heterodimers (PubMed: 38305685). Gamma-tubulin is a key component of the gamma- tubulin ring complex (gTuRC) which mediates microtubule nucleation (PubMed: 38305685). 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).
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

References

Wise D.O.,et al.Genomics 67:164-170(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:1045-1049(2006).

Images



WB Suggested Anti-TUBG2 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:12500
Positive Control: Transfected 293T

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.