

Rabbit Tubulin gamma Polyclonal Antibody | anti-TUBG1 antibody

Tubulin gamma Polyclonal Antibody

CATALOG # AAA173965	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

Tubulin gamma; Polyclonal Antibody; Tubulin gamma Polyclonal Antibody; Tubulin gamma-1 chain (Gamma-1-tubulin) (Gamma-tubulin complex component 1) (GCP-1); anti-TUBG1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	451
Applicable Applications for anti-TUBG1 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide from human protein
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human testis tissue using Tubulin gamma Polyclonal Antibody at dilution of 1:100.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using Tubulin gamma Polyclonal Antibody at dilution of 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-TUBG1 antibody

This gene encodes a member of the tubulin superfamily. The encoded protein localizes to the centrosome where it binds to microtubules as part of a complex referred to as the gamma-tubulin ring complex. The protein mediates microtubule nucleation and is required for microtubule formation and progression of the cell cycle. A pseudogene of this gene is found on chromosome 7. TUBG1 (Tubulin Gamma 1) is a Protein Coding gene. Diseases associated with TUBG1 include Cortical Dysplasia, Complex, With Other Brain Malformations 4 and Reducing Body Myopathy. Among its related pathways are Regulation of PLK1 Activity at G2/M Transition and Sertoli-Sertoli Cell Junction Dynamics. GO annotations related to this gene include GTP binding and structural constituent of cytoskeleton. An important paralog of this gene is TUBG2.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31543831
NCBI GeneID	7283
NCBI Accession #	NP_001061.2
NCBI GenBank Nucleotide #	NM_001070.4
UniProt Accession #	P23258; Q53X79; Q9BW59
Molecular Weight	51,170 Da
NCBI Official Full Name	tubulin gamma-1 chain
NCBI Official Synonym Full Names	tubulin gamma 1
NCBI Official Symbol	TUBG1
NCBI Official Synonym Symbols	TUBG; GCP-1; CDCBM4; TUBGCP1
NCBI Protein Information	tubulin gamma-1 chain
UniProt Protein Name	Tubulin gamma-1 chain
UniProt Gene Name	TUBG1
UniProt Synonym Gene Names	TUBG; GCP-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tubulin-gamma-antibody-immunohistochemistry-elisa/173965>