

## 5886

## γ-Tubulin Antibody



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## For Research Use Only. Not for Use in Diagnostic Procedures.

Reactivity: H M R Mk	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 50	<b>Source/Isotype:</b> Rabbit	UniProt ID: #P23258	Entrez-Gene Id: 7283
	<b>Application</b> Western Blotting			<b>Dilution</b> 1:1000	
			s), 150 mM NaCl, 100 μg.	/ml BSA and 50% gl	ycerol. Store at –
sitivity	$\gamma$ -Tubulin Antibody recognizes endogenous levels of total $\gamma$ -tubulin protein.				
cation	Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding residues near the carboxy terminus of human $\gamma$ -tubulin protein. Antibodies are purified by protein and peptide affinity chromatography.				
	forming the tubulin s organizing center (M microtubule nucleatic tubulin forms complex tubulin ring complex with γ-tubulin itself band it is thought that composed of two γ-tumultiple copies of γ-T sequence similarity w to regulate localizatio of γ-tubulin at Ser131	ubunit common to FOC), the third mem on as well as centros exes of two different (γ-TuRC). Each comp eing considered GC these areas could p abulin molecules as uSC in addition to G ith the other GCPs, on of the γ-TuSC to s by SADB controls ti	all eukaryotic cells. As a aber of the tubulin super some duplication and spaizes: γ-tubulin small collex consists of a number language and GCP2-6 all share sequell as GCP2 and GCP3. CP4, 5, and 6. Another passociates with the γ-Tupindles and centrosome activity of the γ-TuRC.	critical part of the r family, v-tubulin, is sindle assembly (1,2 emplex (v-TuSC) and er of v-tubulin comp uence similarity in folding of the prote v-TuRC is made up protein, GCP-WD/NI RC. GCP-WD/NEDD es (5-8). In mammal	nicrotubule- required for t, reviewed in 3). y- I the larger y- olex proteins (GCPs) 5 different regions ins (4). y-TuSC is of a ring of EDD1, which lacks 1 has been shown s, phosphorylation
		d Weber, K. (2003) <i>Nat Rev Mol Cell Biol</i> 4, 938-47. nodjakov, A. (2009) <i>Mol Cells</i> 27, 135-42. ng, Y. (2006) <i>J Cell Sci</i> 119, 4143-53. (2001) <i>Mol Biol Cell</i> 12, 3340-52. B. and Merdes, A. (2007) <i>Curr Opin Cell Biol</i> 19, 24-30. <i>Curr Opin Cell Biol</i> 12, 113-8. D6) <i>Nat Cell Biol</i> 8, 137-47. D9) <i>PLoS One</i> 4, e5976. on, M. et al. (2009) <i>Nat Cell Biol</i> 11, 1081-92.			
		Application Western Blotting Supplied in 10 mM so 20°C. Do not aliquot to y-Tubulin Antibody re residues near the carriand peptide affinity of Globular tubulin subut forming the tubulin sorganizing center (MT microtubule nucleatic tubulin forms complex with γ-tubulin itself be and it is thought that composed of two γ-tumultiple copies of γ-T sequence similarity we to regulate localization of γ-tubulin at Ser131	Application Western Blotting Supplied in 10 mM sodium HEPES (pH 7.5 20°C. Do not aliquot the antibody.  Polyclonal antibody recognizes endogeno Polyclonal antibodies are produced by im residues near the carboxy terminus of hu and peptide affinity chromatography.  Globular tubulin subunits comprise the n forming the tubulin subunit common to a organizing center (MTOC), the third mem microtubule nucleation as well as centros tubulin forms complexes of two different tubulin ring complex (γ-TuRC). Each comp with γ-tubulin itself being considered GCI and it is thought that these areas could p composed of two γ-tubulin molecules as multiple copies of γ-TuSC in addition to G sequence similarity with the other GCPs, to regulate localization of the γ-TuSC to s of γ-tubulin at Ser131 by SADB controls the	Application Western Blotting Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg 20°C. Do not aliquot the antibody.  Y-Tubulin Antibody recognizes endogenous levels of total γ-tubul residues near the carboxy terminus of human γ-tubulin protein. And peptide affinity chromatography.  Globular tubulin subunits comprise the microtubule building blo forming the tubulin subunit common to all eukaryotic cells. As a organizing center (MTOC), the third member of the tubulin super microtubule nucleation as well as centrosome duplication and sp tubulin forms complexes of two different sizes: γ-tubulin small coubulin ring complex (γ-TuRC). Each complex consists of a number with γ-tubulin itself being considered GCP1. GCP2-6 all share seq and it is thought that these areas could play a role in the proper composed of two γ-tubulin molecules as well as GCP2 and GCP3. multiple copies of γ-TuSC in addition to GCP4, 5, and 6. Another proper sequence similarity with the other GCPs, associates with the γ-Tuto regulate localization of the γ-TuSC to spindles and centrosome	Application Western Blotting Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA and 50% gl 20°C. Do not aliquot the antibody.  Polyclonal antibodies are produced by immunizing animals with a synthetic peptide residues near the carboxy terminus of human γ-tubulin protein. Antibodies are puril and peptide affinity chromatography.  Globular tubulin subunits comprise the microtubule building block, with α/β-tubulin forming the tubulin subunit common to all eukaryotic cells. As a critical part of the norganizing center (MTOC), the third member of the tubulin superfamily, γ-tubulin, is microtubule nucleation as well as centrosome duplication and spindle assembly (1,2 tubulin forms complexes of two different sizes: γ-tubulin small complex (γ-TuSC) and tubulin ring complex (γ-TuRC). Each complex consists of a number of γ-tubulin comp with γ-tubulin itself being considered GCP1. GCP2-6 all share sequence similarity in and it is thought that these areas could play a role in the proper folding of the prote composed of two γ-tubulin molecules as well as GCP2 and GCP3. γ-TuRC is made up multiple copies of γ-TuSC in addition to GCP4, 5, and 6. Another protein, GCP-WD/NED to regulate localization of the γ-TuSC to spindles and centrosomes (5-8). In mammal of γ-tubulin at Ser131 by SADB controls the activity of the γ-TuRC. The hypothesis is to serve the process.

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

**Western Blot Buffer** 

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

Applications Key W: Western Blotting

Cross-Reactivity Key H: Human M: Mouse R: Rat Mk: Monkey

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