Anti-Tubulin gamma-1 / 2 chain, C-terminal antibody

Catalog: PHY0901S

Product Information

Description:	Rabbit polyclonal antibody
Background:	γ-Tubulin is a highly conserved member of the tubulin superfamily that is located on the minus end of microtubules in microtubule organizing centers, where such structures are present in the cell.
Synonyms:	γ-tubulin 1/2, GAMMA-TUBULIN, TUBG1/2
Immunogen:	KLH-conjugated synthetic peptide (16 aa from C terminal section) derived from *Arabidopsis thaliana* TUBG1 (AT3G61650) and TUBG2 (AT5G05620).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com.
Reconstitution:	Reconstitution with 150 µl of sterile water. "Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube".
Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70℃ as supplied. 6 months, -20 to -70℃ under sterile conditions after reconstitution. 1 month, 2 to 8℃ under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4℃. Upon receipt, store it immediately at the temperature recommended above.

Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	53 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Zea mays*, *Brassica napus*, *Vitis vinifera*, *Populus trichocarpa*, *Solanum lycopersicum*, *Spinacia oleracea*, *Glycine max*, *Gossypium raimondii*,

Cucumis sativus, *Nicotiana tabacum*, *Medicago truncatula*, *Brassica rapa*, *Sorghum bicolor*, *Oryza sativa*, and 80-99% homologues with the sequence in *Hordeum vulgare*, *Panicum virgatum*, *Triticum aestivum*.

For more species homologues information, please contact tech support at tech@phytoab.com.