

Anti-Tubulin gamma-1 chain antibody

Catalog: PHY7947S

Product Information

Description:	Rabbit polyclonal antibody
Background:	TUBG1 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:	TUBG1, GAMMA-TUBULIN
Immunogen:	KLH-conjugated synthetic peptide (16 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> TUBG1 (AT3G61650).
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°C as supplied. 6 months, -20 to -70°C under sterile conditions after reconstitution. 1 month, 2 to 8°C under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4°C. 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 <i>Brassica napus</i> , <i>Brassica rapa</i> , <i>Chlamydomonas reinhardtii</i> , and 80-99% homologues with the sequence in <i>Vitis vinifera</i> , <i>Populus trichocarpa</i> ,

Research Use Only

Solanum lycopersicum, Spinacia oleracea, Nicotiana tabacum, Glycine max, Gossypium raimondii, Cucumis sativus, Medicago truncatula, Oryza sativa, Hordeum vulgare, Zea mays, Panicum virgatum, Triticum aestivum, Sorghum bicolor.

The sequence of the synthetic peptide used for immunization is 94% (15/16) homologues with the sequence in TUBG2 (AT5G05620)

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