Anti-Microtubule-associated protein 65-1/2 antibody

Catalog: PHY0918S

Product Information

Description:	Rabbit polyclonal antibody
Background:	The *Arabidopsis thaliana* MAP65-1 (AT5G55230) and MAP65-2 (AT4G26760) genes are members of the larger eukaryotic MAP65/ASE1/PRC gene family of microtubule-associated proteins.
Synonyms:	MAP65-1/2, MICROTUBULE-ASSOCIATED PROTEIN 65-1/2, ATMAP65-1/2
Immunogen:	KLH-conjugated synthetic peptide (12 aa from C terminal section) derived from *Arabidopsis thaliana* MAP65-1 (AT5G55230) and MAP65-2 (AT4G26760).
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.
Reference:	Guojie Mao, et al., The Plant Journal (2005) 43, 469–478.

Application Information

Recommended Dilution:	WB (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	69 kDa
Confirmed Reactivity:	Coming soon
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used

for immunization is 100% homologues with the sequence in *Brassica napus*, *Brassica rapa*, *Oryza sativa Indica Group*, *Zea mays*, *Vitis vinifera*, *Triticum aestivum*, *Glycine max*, *Sorghum bicolor*, *Setaria viridis*, *Panicum virgatum*, *Hordeum vulgare*, *Nicotiana tabacum*, *Gossypium raimondii*, *Populus trichocarpa*, *Medicago truncatula*, *Solanum tuberosum*, *Solanum lycopersicum*, *Cucumis sativus*, *Spinacia oleracea*, *Oryza sativa Japonica Group*.

The sequence of the synthetic peptide used for immunization is 92% homologues with the sequence in MAP65-4 (AT3G60840) and 83% in MAP65-3 (AT5G51600).

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