

Anti-Serine/threonine-protein kinase CTR1 antibody

Catalog: PHY7347A

Product Information

Description:	Rabbit polyclonal antibody
Background:	CTR1 protein is homologous to the RAF family of serine/threonine protein kinases. It is the negative regulator in the ethylene signal transduction pathway. And it interacts with the putative ethylene receptors ETR1 and ERS.
Synonyms:	CTR1, CONSTITUTIVE TRIPLE RESPONSE 1, ATCTR1, SIS1, SUGAR-INSENSITIVE 1
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> CTR1 (AT5G03730).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of 0.01 M sterile PBS. "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:	90 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica rapa</i> , <i>Brassica napus</i> , and 80-99% homologues with the sequence in <i>Populus trichocarpa</i> , <i>Vitis vinifera</i> , <i>Solanum tuberosum</i> , <i>Nicotiana</i>

Research Use Only

tabacum, Solanum lycopersicum, Spinacia oleracea, Gossypium raimondii, Triticum aestivum, Cucumis sativus, Glycine max, Hordeum vulgare, Sorghum bicolor, Gossypium raimondii.

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