Anti-Abscisic acid receptor PYR1 antibody

Catalog: PHY7995S

Product Information

Description:	Rabbit polyclonal antibody
Background:	PYR1 is a member of the PYR (pyrabactin resistance)/PYL(PYR1-like)/RCAR (regulatory components of ABA receptor) family proteins with 14 members. PYR/PYL/RCAR family proteins function as abscisic acid sensors. They mediate ABA-dependent regulation of protein phosphatase 2Cs ABI1 and ABI2.
Synonyms:	PYR1, PYRABACTIN RESISTANCE 1, RCAR11, REGULATORY COMPONENT OF ABA RECEPTOR 11
Immunogen:	KLH-conjugated synthetic peptide (13 aa from N terminal section) derived from *Arabidopsis thaliana* PYR1 (AT4G17870).
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:	22 kDa
Predicted Reactivity:	Among 25 analyzed species, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in

Vitis vinifera, Glycine max, Solanum lycopersicum, Cucumis sativus, Solanum tuberosum, Gossypium raimondii, Populus trichocarpa, Brassica rapa, Brassica napus, and 80-99% homologues with the sequence in *Nicotiana tabacum, Triticum aestivum, Oryza sativa, Sorghum bicolor, Setaria viridis, Panicum virgatum, Hordeum vulgare, Zea mays, Medicago truncatula*.

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