

Anti-Protein SGT1 homolog A/B antibody

Catalog: PHY2165A

Product Information

Description:	Rabbit polyclonal antibody
Background:	SGT1 acts as disease resistance signaling in plants. AtSGT1a (AT4G23570) and AtSGT1b (AT4G11260) are functionally redundant in the resistance to pathogens.
Synonyms:	SGT1A/B
Immunogen:	KLH-conjugated synthetic peptide (17 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> SGT1B (AT4G11260) and SGT1A (AT4G23570).
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:	39 kDa(AT4G23570), 40 kDa(AT4G11260)
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 <i>Triticum aestivum</i> , <i>Brassica napus</i> , <i>Hordeum vulgare</i> , <i>Brassica rapa</i> , and 80-99% homologues with the sequence in <i>Panicum virgatum</i> , <i>Hordeum</i>

Research Use Only

vulgare, Nicotiana tabacum, Solanum lycopersicum, Setaria viridis, Brassica rapa, Brassica napus, Triticum aestivum, Medicago truncatula, Oryza sativa, Sorghum bicolor, Zea mays, Spinacia oleracea, Cucumis sativus, Solanum tuberosum, Panicum virgatum, Glycine max, Vitis vinifera.

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