Anti-Protein ROOT HAIR DEFECTIVE 3, N-terminal antibody

Catalog: PHY0764S

Product Information

Description:	Rabbit polyclonal antibody
Background:	RHD3 is required for regulated cell expansion and normal root hair development. RHD3 is an evolutionarily conserved protein with putative GTP-binding motifs that is implicated in the control of vesicle trafficking between the endoplasmic reticulum and the Golgi compartments.
Synonyms:	RHD3, GOLGI MUTANT 8, GOM8, ROOT HAIR DEFECTIVE 3
Immunogen:	KLH-conjugated synthetic peptide (20 aa from N terminal section) derived from *Arabidopsis thaliana* AT1G72960 and RHD3 (AT3G13870).
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:	89 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 rapa*, *Brassica napus*, *Vitis vinifera*, *Glycine max*, *Panicum virgatum*, *Oryza sativa Japonica Group*, *Zea mays*, *Solanum lycopersicum*, *Hordeum vulgare*, *Medicago truncatula*, *Populus trichocarpa*, *Setaria viridis*, *Panicum virgatum*, *Nicotiana tabacum*, *Cucumis sativus*, *Solanum tuberosum*, *Spinacia oleracea*, *Gossypium raimondii*, *Sorghum bicolor*.

The sequence of the synthetic peptide used for immunization is 95% homologues with the sequence in RL2 (AT5G45160).

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