

Anti-Actin-related protein 4, C-terminal antibody

Catalog: PHY0973S

Product Information

Description:	Rabbit polyclonal antibody
Background:	ARP4 is a homolog of human BAF53 and yeast Arp4, and AtARP7 is a novel, ancient and plant-specific actin-related protein that is not distinctly related to any known ARPs from other kingdoms.
Synonyms:	ARP4, ACTIN-RELATED PROTEIN 4, ATARP4.
Immunogen:	KLH-conjugated synthetic peptide (26 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> ARP4 (AT1G18450).
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°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:	49 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 <i>Brassica</i>

Research Use Only

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

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