

Anti-ArfA antibody

Catalog: PHY1012A

Product Information

Description:	Rabbit polyclonal antibody
Background:	ArfA1A/B/C/D/E/F is a member of ARF GTPase family. Arabidopsis thaliana has 21 members of this family, known to be essential for vesicle coating and uncoating and functions in GTP-binding.
Synonyms:	ArfA
Immunogen:	KLH-conjugated synthetic peptide (26 aa from C terminal section) derived from Arabidopsis thaliana ArfA1A (AT1G23490), ArfA1B (AT5G14670), ArfA1C (AT2G47170), ArfA1D (AT1G70490), ArfA1E (AT3G62290), ArfA1F (AT1G10630).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of sterile 1XPBS (PH=7.4) containing 30% glycerol. "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

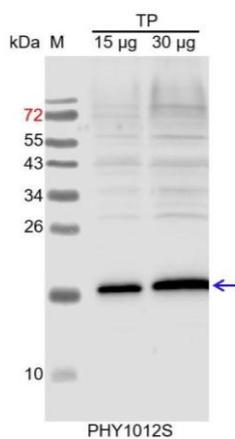
Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	21/18 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Setaria</i>

Research Use Only

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

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

Application Example



TP: 15 µg and 30 µg total protein from *Arabidopsis thaliana*, respectively.

Electrophoresis: 15% SDS-PAGE

Transfer: blotting to NC (nitrocellulose) membrane for 1 h.

Blocking: 5% skim milk at RT or 4°C for 1 h.

Primary antibody: 1:1000 dilution overnight at 4°C.

Secondary antibody: 1:10000 dilution using Goat Anti-Rabbit IgG H&L (HRP) (Cat# PHY6000).

Detection: using chemiluminescence substrate and image were captured with CCD camera.