Anti-Production of anthocyanin pigment 1 antibody

Catalog: PHY1193S

Product Information

Description:	Rabbit polyclonal antibody
Background:	PAP1 is a putative MYB domain containing transcription factor involved in anthocyanin metabolism and radical scavenging. It is essential for the sucrose-mediated expression of the dihydroflavonol reductase gene. It interacts with JAZ proteins to regulate anthocyanin accumulation.
Synonyms:	PAP1, ARABIDOPSIS THALIANA PRODUCTION OF ANTHOCYANIN PIGMENT 1, ATMYB75, ATPAP1, MYB DOMAIN PROTEIN 75, MYB75, MYELOBLASTOSIS PROTEIN 75, PRODUCTION OF ANTHOCYANIN PIGMENT 1, SIAA1, SUC-INDUCED ANTHOCYANIN ACCUMULATION 1
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from *Arabidopsis thaliana* PAP1 (AT1G56650).
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.

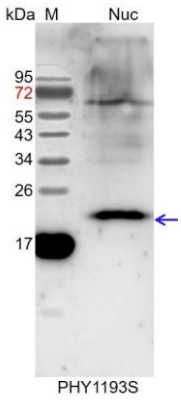
Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	28 / 24 kDa

Confirmed Reactivity: *Arabidopsis thaliana*

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

Application Example



Nuc: 4 μg nuclear protein from *Arabidopsis thaliana*.

Electrophoresis: 15% SDS-PAGE

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

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

Primary antibody: 1:1000 dilution overnight at 4℃.

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.