Anti-Two-component response regulator-like APRR1 antibody

Catalog: PHY7456A

Product Information

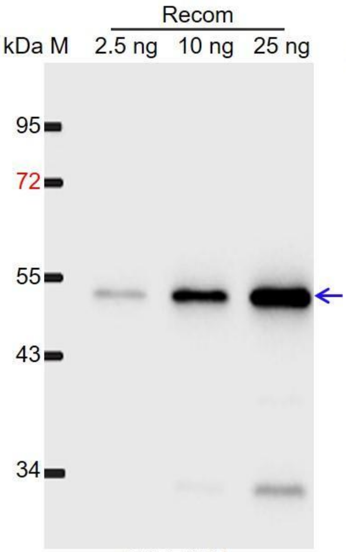
Description:	Rabbit polyclonal antibody
Background:	TOC1 is pseudo response regulator involved in the generation of circadian rhythms. TOC1 appears to shorten the period of circumnutation speed.
Synonyms:	TOC1, APRR1, ATTOC1, PRR1, PSEUDO-RESPONSE REGULATOR 1, TIMING OF CAB EXPRESSION 1
Immunogen:	KLH-conjugated synthetic peptide (18 aa from N terminal section) derived from *Arabidopsis thaliana* TOC1 (AT5G61380).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of sterile 1XPBS (PH=7.4). "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:	69 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in *Brassica rapa*, *Brassica napus*, *Nicotiana tabacum*. For more species homologues information, please contact tech

support at tech@phytoab.com.

Application Example



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Recom: 2.5 ng, 10 ng and 25 ng recombinant protein containing the peptide for immunization and having a molecular mass of 53 kDa.

Electrophoresis: 12% 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.