

Anti-Ethylene-responsive transcription factor RAP2-7, N-terminal antibody

Catalog: PHY7479S

Product Information

Description:	Rabbit polyclonal antibody
Background:	TOE1 is AP2 family transcription factor that is involved in regulation of flowering and innate immunity. It interacts with CRY2 to regulate CO and FT. TOE1 binds to activation domain of CO and binds CORE sequences of the FT promoter. TOE1/TOE2 are also targets of MiR172b and function in regulation of innate immunity.
Synonyms:	TOE1, RAP2.7, RELATED TO AP2.7, TARGET OF EARLY ACTIVATION TAGGED (EAT) 1
Immunogen:	KLH-conjugated synthetic peptide (16 aa from N-terminal section) derived from <i>Arabidopsis thaliana</i> TOE1 (AT2G28550).
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:	51 kDa

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologous with the sequence in *Brassica napus*, *Brassica rapa*.

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