Anti-PLASTID TRANSCRIPTIONALLY ACTIVE 9, C-terminal antibody

Catalog: PHY0396S

Product Information

Description:	Rabbit polyclonal antibody
Background:	In chloroplasts, transcription of plastid genes is mediated by two types of RNA polymerase: plastid-encoded RNA polymerase (PEP) and nuclearencoded RNA polymerase (NEP). Transcription in plastids is also mediated by a number of nuclear-encoded factors in addition to PEP and NEP. In the insoluble RNA polymerase preparation samples, a total of 18 components named as pTACs (pTAC1 to pTAC18) were identified. pTAC9 (AT4G20010) is one of the components associated with PEP complex.
Synonyms:	pTAC9, ORGANELLAR SINGLE-STRANDED DNA BINDING PROTEIN 2, OSB2, PLASTID TRANSCRIPTIONALLY ACTIVE 9, PTAC9
Immunogen:	KLH-conjugated synthetic peptide (16 aa from C terminal section) derived from *Arabidopsis thaliana* pTAC9 (AT4G20010).
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:	42 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 *Brassica rapa*, *Brassica napus* and 80-99% homologues with the sequence in *Glycine max*, *Hordeum vulgare*, *Medicago truncatula.* For more species homologues information, please contact tech support at tech@phytoab.com.