Anti-PLASTID TRANSCRIPTIONALLY ACTIVE 10 antibody

Catalog: PHY2586A

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. pTAC10 (AT3G48500) is one of the components associated with PEP complex.
Synonyms:	pTAC10, PDE312, PLASTID TRANSCRIPTIONALLY ACTIVE 10, PIGMENT DEFECTIVE 312,TAC10
Immunogen:	KLH-conjugated synthetic peptide (15 aa from Central section) derived from *Arabidopsis thaliana* pTAC10 (AT3G48500).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of 0.01 M sterile PBS. "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: 82 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 *Spinacia oleracea, Brassica napus, Brassica rapa*, and 80-99% homologues with the sequence in *Oryza sativa, Populus trichocarpa, Hordeum vulgare, Zea mays, Panicum virgatum, Sorghum bicolor, Setaria viridis, Triticum aestivum, Glycine max, Medicago truncatula, Physcomitrium patens, Cucumis sativus, Solanum tuberosum, Gossypium raimondii, Vitis vinifera, Solanum lycopersicum*.
For more species homologues information, please contact tech support at tech@phytoab.com.