

Anti-Sig1 antibody

Catalog: PHY8179S

Product Information

Description:	Rabbit polyclonal antibody
Background:	Sig1/SIGA is a nuclear-encoded sigma factor for the plastid-encoded RNA polymerase (PEP). It confers promoter recognition specificity to the core enzyme, binding promoters of photosystem I and II genes to regulate their transcription and support chloroplast biogenesis and light acclimation.
Synonyms:	SIGA, RNA POLYMERASE SIGMA SUBUNIT 1, RNAPOLYMERASE SIGMA SUBUNIT 2, RPOD1, SIG1, SIG2, SIGB, SIGMA FACTOR A
Immunogen:	Recombinant Protein (101-502 aa) derived from <i>Arabidopsis thaliana</i> Sig1 (AT1G64860).
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:	50 kDa
Predicted Reactivity:	For more species homologues information, please contact tech

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support at tech@phytoab.com.