

Anti-Plastid division protein CDP1, chloroplastic antibody

Catalog: PHY3705S

Product Information

Description:	Rabbit polyclonal antibody
Background:	PARC6 is a chloroplast division factor located in the plastid inner envelope with its N-terminus exposed to the stroma. It influences FtsZ assembly and is required for recruitment of PDV1 during chloroplast division.
Synonyms:	PARC6, A. THALIANA CHLOROPLAST DIVISION SITE POSITIONING 1, ARC6H, ATCDP1, CDP1, CHLOROPLAST DIVISION SITE POSITIONING 1, PARALOG OF ARC6
Immunogen:	KLH-conjugated synthetic peptide (16 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> PARC6 (AT3G19180).
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 &	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Storage:	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:	91 kDa

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologous with the sequence in *Brassica rapa*, *Brassica napus*, and 80-99% homologous with the sequence in *Vitis vinifera*, *Solanum lycopersicum*, *Solanum tuberosum*, *Nicotiana tabacum*, *Hordeum vulgare*, *Oryza sativa*, *Triticum aestivum*, *Populus trichocarpa*, *Spinacia oleracea*.

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