

Anti-30S ribosomal protein 3-1, chloroplastic antibody

Catalog: PHY3052S

Product Information

Description:	Rabbit polyclonal antibody
Background:	AT1G68590
Synonyms:	PSRP3/1, PLASTID-SPECIFIC RIBOSOMAL PROTEIN 3/1
Immunogen:	KLH-conjugated synthetic peptide (16 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> PSRP3/1 (AT1G68590).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150µl 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:	18 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica napus</i> , <i>Brassica rapa</i> , and 80-99% homologues with the sequence in <i>Populus trichocarpa</i> , <i>Nicotiana tabacum</i> , <i>Solanum tuberosum</i> , <i>Solanum lycopersicum</i> , <i>Gossypium raimondii</i> , <i>Physcomitrium patens</i> , <i>Panicum virgatum</i> , <i>Triticum aestivum</i> , <i>Zea mays</i> , <i>Oryza sativa</i> ,

Research Use Only

Hordeum vulgare, Sorghum bicolor, Setaria viridis, Medicago truncatula, Glycine max, Cucumis sativus, Spinacia oleracea, Spinacia oleracea.

The sequence of the synthetic peptide used for immunization is 88% (14/16) homologues with the sequence in PSRP3/2 (AT5G15760). For more species homologues information, please contact tech support at tech@phytoab.com.