

Anti-Cell division protein FtsZ homolog 2-1, chloroplastic antibody

Catalog: PHY1419S

Product Information

Description:	Rabbit polyclonal antibody
Background:	In higher plants, two nuclear gene families, FtsZ1 and FtsZ2, encode homologs of the bacterial protein FtsZ, a key component of the prokaryotic cell division machinery.
Synonyms:	FtsZ2-1, ATFTSZ2-1, FTSZ2-1
Immunogen:	KLH-conjugated synthetic peptide (16 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> FtsZ2-1 (AT2G36250).
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:	51 kDa
Confirmed Reactivity:	Coming soon
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used

Research Use Only

for immunization is 80-99% homologues with the sequence in *Brassica napus*, *Brassica rapa*, *Cucumis sativus*, *Gossypium raimondii*, *Medicago truncatula*, *Vitis vinifera*, *Populus trichocarpa*, *Glycine max*, *Spinacia oleracea*, *Hordeum vulgare*, *Zea mays*. For more species homologues information, please contact tech support at tech@phytoab.com.