Anti-Dynamin related protein 5B antibody

Catalog: PHY1156S

Product Information

Description:	Rabbit polyclonal antibody
Background:	DRP5B (dynamin related protein 5B) is involved in plastid and peroxisome division process and required for the last steps of plastid division, especially in mesophyll-cell. It is also necessary for peroxisome activities.The DRP5B shares similarity with the dynamin family of GTPases, which mediate endocytosis, mitochondrial division, and other organellar fission and fusion events.
Synonyms:	DRP5B, ACCUMULATION AND REPLICATION OF CHLOROPLAST 5, ARC5, DYNAMIN RELATED PROTEIN 5B
Immunogen:	KLH-conjugated synthetic peptide (16 aa from Central section) derived from *Arabidopsis thaliana* DRP5B (AT3G19720).
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℃ 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 (1:1000-1:5000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	87 kDa

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Brassica rapa, Brassica napus,* and 80-99% homologues with the sequence in *Vitis vinifera, Nicotiana tabacum, Solanum lycopersicum, Solanum tuberosum, Glycine max, Medicago truncatula.*

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