

Anti-Glyceraldehyde-3-phosphate dehydrogenase GAPA/B, chloroplastic antibody

Catalog: PHY3667S

Product Information

Description:	Rabbit polyclonal antibody
Background:	GAPA1 is involved in the photosynthetic reductive pentose phosphate pathway. It catalyzes the reduction of 1,3-diphosphoglycerate by NADPH.
Synonyms:	GAPA/B
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> GAPA1 (AT3G26650), GAPA2 (AT1G12900), GAPB (AT1G42970).
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:	GAPA1/2 (42 / 38) kDa, GAPB 48 kDa
Confirmed Reactivity:	Coming soon
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologous with the sequence in

Research Use Only

Chlamydomonas reinhardtii, Solanum tuberosum, Glycine max, Solanum lycopersicum, Gossypium raimondii, Vitis vinifera, Cucumis sativus, Populus trichocarpa, Medicago truncatula, Spinacia oleracea, Zea mays, Nicotiana tabacum, Brassica napus, Brassica rapa, Setaria viridis, Panicum virgatum, Hordeum vulgare, Sorghum bicolor, Oryza sativa.

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