

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% homologues 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, *Physcomitrium patens*, *Oryza sativa*.

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