

Anti-ADP-glucose pyrophosphorylase antibody

Catalog: PHY0244S

Product Information

Description:	Rabbit polyclonal antibody
Background:	ADP-glucose pyrophosphorylase (ADGP) is the catalytic isoform responsible for ADP-glucose pyrophosphorylase activity. The presence of ADGP is required for large subunit stability. ApS1 is the major small subunit isoform present in all plant tissues tested.
Synonyms:	ADGP, ADG1, ADP GLUCOSE PYROPHOSPHORYLASE 1, ADP-GLUCOSE PYROPHOSPHORYLASE SMALL SUBUNIT 1, APS1
Immunogen:	KLH-conjugated synthetic peptide (14 aa from central section) derived from <i>Arabidopsis thaliana</i> ADGP (AT5G48300).
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:	57 kDa
Confirmed Reactivity:	Coming soon

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologous with the sequence in *Brassica rapa*, *Physcomitrium patens*, *Populus trichocarpa*, *Cucumis sativus*, *Solanum tuberosum*, *Brassica napus*, *Nicotiana tabacum*, *Glycine max*, *Gossypium raimondii*, *Hordeum vulgare*, *Medicago truncatula*, *Setaria viridis*, *Sorghum bicolor*, *Panicum virgatum*, *Zea mays*, *Vitis vinifera*, *Oryza sativa*, *Triticum aestivum*, and 80-99% homologous with the sequence in *Solanum lycopersicum*, *Spinacia oleracea*, *Synechococcus elongatus* PCC 7942.

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