Anti-Probable fructose-bisphosphate aldolase 1/2, chloroplastic antibody

Catalog: PHY0406S

Product Information

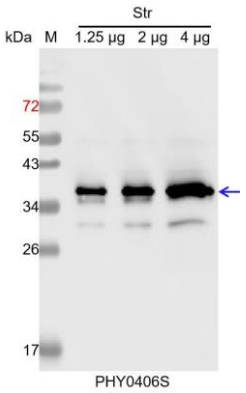
Description:	Rabbit polyclonal antibody
Background:	FBA1/2 plays a key role in glycolysis and gluconeogenesis.
Synonyms:	FBA1/2
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from *Arabidopsis thaliana* FBA1 (AT4G38970) and FBA2 (AT2G21330).
Form:	Lyophilized
Quantity:	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 (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	43 / 38 kDa
Confirmed Reactivity:	*Arabidopsis thaliana*
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Brassica napus*, *Brassica rapa*, *Solanum lycopersicum*, and 80-99%

homologues with the sequence in *Gossypium raimondii*, *Vitis vinifera*, *Nicotiana tabacum*, *Solanum tuberosum*, *Glycine max*, *Medicago truncatula*, *Spinacia oleracea*, *Populus trichocarpa*, *Cucumis sativus.* For more species homologues information, please contact tech support at tech@phytoab.com.

Application Example



Str: 1 μg, 2 μg and 4 μg stromal protein from *Arabidopsis thaliana*, respectively.

Electrophoresis: 15% SDS-PAGE

Transfer: blotting to NC (nitrocellulose) membrane for 1 h.

Blocking: 5% skim milk at RT or 4℃ for 1 h.

Primary antibody: 1:2000 dilution overnight at 4℃.

Secondary antibody: 1:20000 dilution using Goat Anti-Rabbit IgG H&L (HRP) (Cat# PHY6000).

Detection: using chemiluminescence substrate and image were captured with CCD camera.