Anti-ATS1/ACT1 antibody

Catalog: PHY2633A

Product Information

Description: Rabbit polyclonal antibody

Background: ATS1/ACT1 is a chloroplast glycerol-3-phosphate acyltransferase. It catalyzes the acylation of sn-glycerol 3-phosphate and is involved in the biosynthesis of chloroplast phosphatidylglycerol.

Synonyms: ATS1, ACT1, ACYLTRANSFERASE 1

Immunogen: KLH-conjugated synthetic peptide (15 aa from N terminal section) derived from *Arabidopsis thaliana* ATS1 (AT1G32200).

Form: Lyophilized

Quantity: 150 µg

Purification: Immunogen affinity purified

Reconstitution: Reconstitution with 150 µl of sterile 1XPBS (PH=7.4) containing 30% glycerol. "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: 50 kDa

Predicted Reactivity: Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in *Brassica napus, Brassica rapa, Gossypium raimondii*.
For more species homologues information, please contact tech

support at tech@phytoab.com.