

Anti-Beta-adaptin-like protein antibody

Catalog: PHY0705A

Product Information

Description:	Rabbit polyclonal antibody
Background:	In plants, clathrin-mediated endocytosis (CME) is dependent on the function of clathrin and its accessory heterooligomeric adaptor protein complexes, ADAPTOR PROTEIN2 (AP-2) and the TPLATE complex (TPC), and is negatively regulated by the hormones auxin and salicylic acid (SA). The AP-2 complex has been generally thought to function as a heterotetramer, consisting of two large (a/A and b/B) (AT4G11380), one medium (m/M) (AT5G46630), and one small (s/S) (AT1G47830) subunit(s).
Synonyms:	AT4G11380
Immunogen:	KLH-conjugated synthetic peptide (12 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> AT4G11380.
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of 0.01 M sterile PBS. "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:	102 kDa

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologous with the sequence in *Populus trichocarpa*, and 80-99% homologous with the sequence in *Gossypium raimondii*, *Cucumis sativus*, *Glycine max*, *Medicago truncatula*, *Brassica rapa*, *Brassica napus*.

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