

# Anti-Beta-adaptin-like protein antibody

Catalog: PHY0705S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	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).
<b>Synonyms:</b>	AT4G11380
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (12 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> AT4G11380.
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Serum Peptide affinity form antibody available upon request at <a href="mailto:info@phytoab.com">info@phytoab.com</a> .
<b>Reconstitution:</b>	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".
<b>Stability &amp; Storage:</b>	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.
<b>Shipping:</b>	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

## Application Information

<b>Recommended Dilution:</b>	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
<b>Expected / apparent MW:</b>	102 kDa

Research Use Only

**Confirmed Reactivity:**

Coming soon

**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*.

For more species homologues information, please contact tech support at [tech@phytoab.com](mailto:tech@phytoab.com).