Anti-AP-2 complex subunit sigma, C-terminal antibody

Catalog: PHY0707S

Product Information

Description:	Rabbit polyclonal antibody
Background:	AP2σ is one of a subunit of the adaptor protein complex 2 (AP-2). 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). AP-2 is involved in clathrin-dependent endocytosis in which cargo proteins are incorporated into vesicles surrounded by clathrin (clathrin-coated vesicles, CCVs) which are destined for fusion with the early endosome.
Synonyms:	AP2σ, Adaptor AP-2 17 kDa protein, Adaptor-related protein complex 2 subunit sigma, Clathrin assembly protein 2 small chain, Clathrin coat assembly protein AP17, Clathrin coat-associated protein AP17, Sigma2-adaptin.
Immunogen:	KLH-conjugated synthetic peptide (12 aa from C terminal section) derived from *Arabidopsis thaliana* AP2σ (AT1G47830).
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:	17 kDa
Confirmed Reactivity:	Coming soon
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*, *Glycine max*, *Panicum virgatum*, *Oryza sativa*, *Medicago truncatula*, *Zea mays*, *Setaria viridis*, *Populus trichocarpa*, *Cucumis sativus*, *Spinacia oleracea*, *Sorghum bicolor*, *Gossypium raimondii*, *Triticum aestivum*. For more species homologues information, please contact tech support at tech@phytoab.com.