

Anti-Protein ELC antibody

Catalog: PHY3393S

Product Information

Description:	Rabbit polyclonal antibody
Background:	ELC is the component of the ESCRT-I complex (endosomal sorting complex required for transport I), a regulator of vesicular trafficking process. It is required for the sorting of endocytic ubiquitinated cargos into multivesicular bodies (MVBs). And it may control nuclear division through the microtubule cytoskeleton.
Synonyms:	VPS23A, ATELC, ELC, VACUOLAR PROTEIN SORTING 23A
Immunogen:	KLH-conjugated synthetic peptide (15 aa from Central section) derived from Arabidopsis thaliana VPS23A (AT3G12400).
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°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:	45 kDa
Confirmed Reactivity:	Coming soon

Research Use Only

Predicted Reactivity:

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

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