

Anti-Clathrin light chain 1 antibody

Catalog: PHY0701A

Product Information

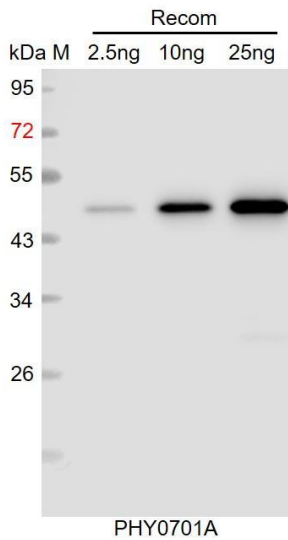
Description:	Rabbit polyclonal antibody
Background:	Clathrin is a triskelion-shaped complex composed of three heavy chains (CHCs) and three light chains (CLCs). In Arabidopsis, two CHCs (CHC1, At3g11130; CHC2, At3g08530) and Three CLCs (CLC1, At2g20760; CLC2, At2g40060; CLC3, At3g51890) proteins were found.
Synonyms:	CLC1, Clathrin light chain 1
Immunogen:	KLH-conjugated synthetic peptide (16 aa from Central section) derived from <i>Arabidopsis thaliana</i> CLC1 (AT2G20760).
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°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.
Reference:	Chao Wang, et al., Plant Cell 2013; 25; 499-516.

Application Information

Applications:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Predicted Reactivity:	For more species homologues information, please contact tech support at tech@phytoab.com .

Research Use Only

Application Example



Recom: 2.5 ng, 10 ng and 25 ng recombinant protein containing the peptide for immunization and having a molecular mass of 50 kDa.

Electrophoresis: 12% SDS-PAGE

Transfer: blotting to NC (nitrocellulose) membrane for 1 h.

Blocking: 5% skim milk at RT or 4°C for 1 h.

Primary antibody: 1:1000 dilution overnight at 4°C.

Secondary antibody: 1:10000 dilution using Goat Anti-Rabbit IgG H&L (HRP) (Cat# PHY6000).

Detection: using chemiluminescence substrate and image were captured with CCD camera.