

Anti-Vacuolar calcium-binding protein-related antibody

Catalog: PHY0641S

Product Information

Description:	Rabbit polyclonal antibody
Background:	AtCCaP1 acts as a mediator in response to continuous dark or gibberellic acid. In <i>Arabidopsis thaliana</i> a new type of Ca ²⁺ -binding protein, CCaP1, which consists of 152 amino acid residues, and binds (45)Ca ²⁺ even in the presence of a high concentration of Mg ²⁺ .
Synonyms:	CCaP1, AtCCaP1
Immunogen:	KLH-conjugated synthetic peptide of CCaP1 derived from <i>Arabidopsis thaliana</i> AT1G62480.
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.

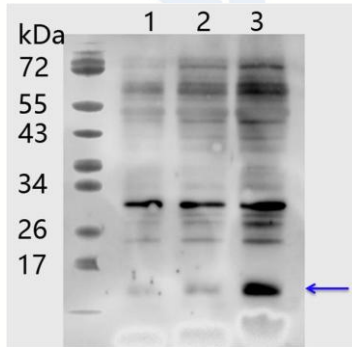
Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected/apparent MW:	17 kDa
Confirmed Reactivity:	<i>Arabidopsis thaliana</i>
Predicted Reactivity:	For more species homologues information, please contact tech

Research Use Only

support at tech@phytoab.com.

Application Example



PHY0641S

Lane 1: 25 µg total protein from *Arabidopsis thaliana* leaf.

Lane 2: 50 µg total protein from *Arabidopsis thaliana* leaf.

Lane 3: 100 µg total protein from *Arabidopsis thaliana* leaf.

Electrophoresis: 15% SDS-Urea-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: 1:20000 dilution using Goat Anti-Rabbit IgG H&L (HRP) (Cat# PHY6000).

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