

Anti-Two-pore potassium channel 1 antibody

Catalog: PHY0985S

Product Information

Description:	Rabbit polyclonal antibody
Background:	KCO1 is a member of the <i>Arabidopsis thaliana</i> K ⁺ channel family of AtTPK/KCO proteins. KCO1 is targeted to the vacuolar membrane. It forms homomeric ion channels in vivo.
Synonyms:	KCO1, ATKCO1, ATTPK1, CA ²⁺ ACTIVATED OUTWARD RECTIFYING K ⁺ CHANNEL 1, TANDEM PORE K ⁺ CHANNEL 1, TPK1, TWO PORE K CHANNEL, TWO PORE K CHANNEL 1
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> KCO1 (AT5G55630).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150µl 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:	41 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 rapa*, *Brassica napus*, and 80-99% homologues with the sequence in *Vitis vinifera*, *Spinacia oleracea*, *Glycine max*, *Gossypium raimondii*, *Medicago truncatula*.

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