

Anti-Probable cyclic nucleotide ion channel 10, N-terminal antibody

Catalog: PHY1751A

Product Information

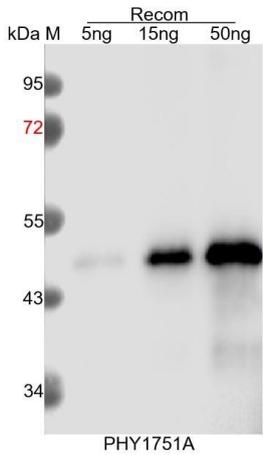
Description:	Rabbit polyclonal antibody
Background:	CNGC10 is a member of cyclic nucleotide gated channel family. It transports K ⁺ and other cations in the plasma membrane. CNGC10 channel is involved in Na ⁺ and k ⁺ transport during cation uptake in root and long-distance transport.
Synonyms:	CNGC10, ATCNGC10, ACBK1, CYCLIC NUCLEOTIDE GATED CHANNEL 10
Immunogen:	KLH-conjugated synthetic peptide (20 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> CNGC10 (AT1G01340).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of 0.01 M sterile PBS. "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:	82 kDa
Predicted Reactivity:	For more species homologues information, please contact tech support at tech@phytoab.com

Research Use Only

Application Example



Recom: 5 ng, 15 ng and 50 ng recombinant protein containing the peptide for immunization and having a molecular mass of 48 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.