

# Anti-Cyclic nucleotide-gated channel 2 antibody

Catalog: PHY1180S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	CNGC2 is a protein with Ca <sup>2+</sup> influx channel activity and is expressed in the leaf areas surrounding the free endings of minor veins. It could be the key step mediating bulk Ca <sup>2+</sup> influx into leaf cells after unloading from the vascular and have no direct roles in the leaf development and HR.
<b>Synonyms:</b>	CNGC2, ATCNGC2, CYCLIC NUCLEOTIDE GATED CHANNEL 2, DEFENSE NO DEATH 1, DND1
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (18 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> CNGC2 (AT5G15410).
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Serum Peptide affinity form antibody available upon request at <a href="mailto:info@phytoab.com">info@phytoab.com</a> .
<b>Reconstitution:</b>	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".
<b>Stability &amp; Storage:</b>	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.
<b>Shipping:</b>	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

## Application Information

<b>Recommended Dilution:</b>	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
<b>Expected / apparent MW:</b>	83 kDa
<b>Predicted Reactivity:</b>	Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in

Research Use Only

*Brassica rapa*, *Brassica napus*, *Gossypium raimondii*, *Glycine max*,  
*Populus trichocarpa*, *Nicotiana tabacum*, *Solanum lycopersicum*,  
*Solanum tuberosum*, *Cucumis sativus*, *Medicago truncatula*, *Vitis*  
*vinifera*.

For more species homologues information, please contact tech support at [tech@phytoab.com](mailto:tech@phytoab.com).