

Anti-CNGC4 antibody

Catalog: PHY8164S

Product Information

Description:	Rabbit polyclonal antibody
Background:	CNGC4/DND2 is a plasma membrane cyclic nucleotide-gated cation channel. It negatively regulates defense responses, as its mutants show disease resistance but lack a hypersensitive response. It also mediates Ca^{2+} signaling and vegetative phase change.
Synonyms:	CNGC4, ATCNGC4, CYCLIC NUCLEOTIDE-GATED CATION CHANNEL 4, DEFENSE, NO DEATH 2, DND2, HLM1
Immunogen:	KLH-conjugated synthetic peptide (15 aa from central section) derived from <i>Arabidopsis thaliana</i> CNGC4 (AT5G54250).
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:	80 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used

Research Use Only

for immunization is 100% homologues with the sequence in *Brassica napus*, *Brassica rapa*.

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