

Anti-Calcineurin B-like protein 10 antibody

Catalog: PHY0832S

Product Information

Description:	Rabbit polyclonal antibody
Background:	SCaBP8 is a member of the calcineurin B-like calcium sensor gene family. It mediates salt tolerance by regulating ion homeostasis in <i>Arabidopsis</i> .
Synonyms:	SCaBP8, ATCBL10, CALCINEURIN B-LIKE PROTEIN 10, CBL10, SOS3-LIKE CALCIUM BINDING PROTEIN 8
Immunogen:	KLH-conjugated synthetic peptide of SCaBP8 derived from <i>Arabidopsis thaliana</i> AT4G33000.
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.
Reference:	Huixin Lin, et al., Plant Cell 2009, 21; 1607-1619.

Application Information

Applications:	Western Blot (1:1000-1:2000), Coimmunoprecipitation Note: Optimal dilutions/concentrations should be determined by the end user.
Expected Results:	80 kDa
Confirmed Reactivity:	<i>Arabidopsis thaliana</i>
Predicted Reactivity:	Among 25 analyzed species, the sequence of the synthetic peptide

Research Use Only

used for immunization is 100% homologues with the sequence in *Noccaea caerulescens*, *Brassica napus*, *Noccaea caerulescens*, and 80-99% homologues with the sequence in *Jatropha curcas*.

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