

Anti-BZR2 antibody

Catalog: PHY2312A

Product Information

Description:	Rabbit polyclonal antibody
Background:	BZR2/BES1 is a nuclear transcription factor and a key positive regulator of brassinosteroid (BR) signaling. It accumulates in the nucleus in its dephosphorylated form in response to BRs. It coordinates plant growth and stress responses, in part by modulating flavonol biosynthesis.
Synonyms:	BZR2, BES1, BRASSINAZOLE-RESISTANT 2, BRI1-EMS-SUPPRESSOR 1
Immunogen:	KLH-conjugated synthetic peptide (16 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> BZR2 (AT1G19350).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of sterile 1XPBS (PH=7.4) containing 30% glycerol. "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:	39 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica rapa</i> , and 80-99% homologues with the sequence in <i>Brassica napus</i> .

Research Use Only

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