

Anti-BZR antibody

Catalog: PHY8155S

Product Information

Description:	Rabbit polyclonal antibody
Background:	BZR1 and BZR2 are nuclear transcription factors. They are key positive regulators of brassinosteroid (BR) signaling. BRs induce their dephosphorylation, leading to nuclear accumulation to regulate downstream gene expression. BZR1 and BZR2 also coordinate plant growth and stress responses.
Synonyms:	BZR1, BRASSINAZOLE-RESISTANT 1, BZR2, BRASSINAZOLE-RESISTANT 2
Immunogen:	KLH-conjugated synthetic peptide (16 aa from central section) derived from <i>Arabidopsis thaliana</i> BZR1 and BZR2 (AT1G75080, AT1G19350).
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:	39 kDa

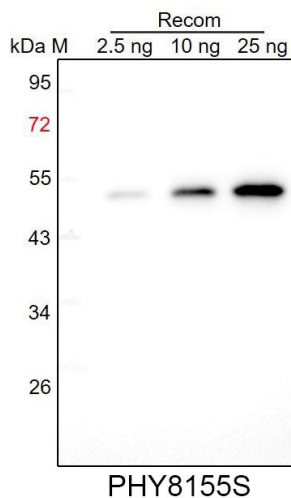
Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 94% homologues with the sequence in *Nicotiana tabacum*, *Solanum tuberosum*, *Solanum lycopersicum*, *Solanum tuberosum*, *Brassica napus*, *Brassica rapa*, *Populus trichocarpa*, *Cucumis sativus*, *Vitis vinifera*.

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

Application Example



Recom: 2.5 ng, 10 ng and 25 ng recombinant protein containing the peptide for immunization and having a molecular mass of 50 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.