

# Anti-Protein BRASSINAZOLE-RESISTANT 1/2 antibody

Catalog: PHY2312A

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	BZR1/2 is a brassinosteroid (BR) signalling protein that accumulates in the nucleus as dephosphorylated form in response to BRs. They can interact with the ELF6 and REF6 Jumonji N/C-domain containing proteins and may direct them to modify histone methylation upstream of some brassinosteroid responsive-genes.
<b>Synonyms:</b>	BZR1/2, BES1/2, BRASSINAZOLE-RESISTANT 1/2, BRI1-EMS-SUPPRESSOR 1/2
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (16 aa from central section) derived from <i>Arabidopsis thaliana</i> BZR1 (AT1G75080), BZR2 (AT1G19350).
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Immunogen affinity purified
<b>Reconstitution:</b>	Reconstitution with 150 µl of 0.01 M sterile PBS. "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>	39 kDa
<b>Confirmed Reactivity:</b>	Coming soon

Research Use Only

**Predicted Reactivity:**

Among analyzed species, the sequence of the synthetic peptide used for immunization is 80-90% homologues with the sequence in *Nicotiana tabacum*, *Solanum lycopersicum*, *Solanum tuberosum*, *Brassica napus*, *Brassica rapa*, *Populus trichocarpa*, *Cucumis sativus*, *Vitis vinifera*, *Medicago truncatula*, *Gossypium raimondii*, *Glycine max*, *Spinacia oleracea*, *Hordeum vulgare*, *Oryza sativa*, *Spinacia oleracea*.

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