

Anti-Serine/threonine-protein phosphatase BSU1 antibody

Catalog: PHY1986A

Product Information

Description: Rabbit polyclonal antibody

Background: The phytohormone Brassinosteroid (BR) plays essential roles in multiple

developmental processes. BR is perceived by the receptor kinase BRI1 at the cell surface, and downstream BR signal transduction involves a receptor-like kinase (BAK1), a GSK3-like kinase (BIN2), a phosphatase (BSU1), and

transcription factors (BZR1 and BZR2/BES1). BSU1acts as a positive

regulator of brassinosteroid (BR) signaling.

Synonyms: BSU1, BRI1 SUPPRESSOR 1

Immunogen: KLH-conjugated synthetic peptide (19 aa from N terminal section) derived from

Arabidopsis thaliana BSU1 (AT1G03445).

Form: Lyophilized

Quantity: 150 μg

Purification: Immunogen affinity purified

Reconstitution: Reconstitution with 150 µl of sterile 1XPBS (PH=7.4).

"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 &Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Storage: 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.

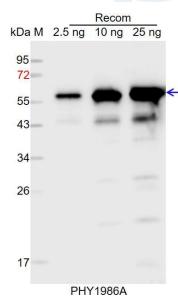


Expected / apparent MW: 88 kDa

Predicted Reactivity: 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 58 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.