

Anti-Ultraviolet-B receptor UVR8, N-terminal antibody

Catalog: PHY0808A

Product Information

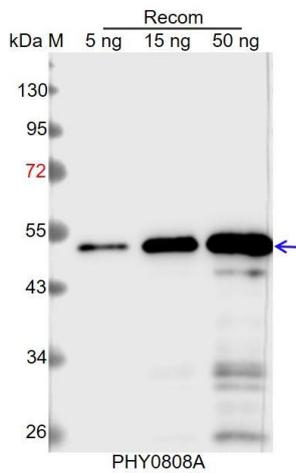
Description:	Rabbit polyclonal antibody
Background:	UVR8 is a UV-B-specific signaling component that orchestrates expression of a range of genes with vital UV-protective functions. It has been shown that UVR8 (AT5G63860) interaction with COP1 (AT2G32950) is negatively regulated by RUP1 (AT5G52250) and RUP2 (AT5G23730).
Synonyms:	UVR8, ATUVR8, UVB-RESISTANCE 8
Immunogen:	KLH-conjugated synthetic peptide (15 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> UVR8 (AT5G63860).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	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".
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

Applications:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	47 kDa
Predicted Reactivity:	For more species homologues information, please contact tech support at tech@phytoab.com .

Research Use Only

Application Example



Recom: 5 ng, 15 ng and 50ng recombinant protein containing the peptide for immunization and having a molecular mass of 54 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.