

Anti-BTB/POZ domain-containing protein AT2G46260, C-terminal antibody

Catalog: PHY2122A

Product Information

Description: Rabbit polyclonal antibody

Background: LRB1 may act as a substrate-specific adapter of an E3 ubiquitin-protein ligase

complex (CUL3-RBX1-BTB) which mediates the ubiquitination and subsequent

proteasomal degradation of target proteins.

Synonyms: LRB1, LIGHT-RESPONSE BTB 1

Immunogen: KLH-conjugated synthetic peptide (16 aa from C terminal section) derived from

Arabidopsis thaliana LRB1 (AT2G46260).

Form: Lyophilized

Quantity: 150 μg

Purification: Immunogen Affinity Purified

Reconstitution: Reconstitution with 150 μ l of sterile 1 \times PBS (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: 63 kDa

Predicted Reactivity: Among species analyzed, the sequence of the synthetic peptide used

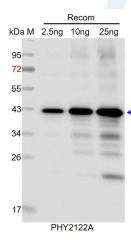
for immunization is 80-99% homologues with the sequence in Vitis

vinifera, Nicotiana tabacum, Populus trichocarpa.



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 42 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℃.

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.