

Anti-Auxin efflux carrier component 1 antibody

Catalog: PHY3346A

Product Information

Description: Rabbit polyclonal antibody

Background: PIN1 is an auxin efflux carrier involved in shoot and root development. In roots,

PIN1 mainly resides at the basal end of the vascular cells.

Synonyms: PIN1, AtPIN1, ARABIDOPSIS THALIANA PIN-FORMED 1, PIN-FORMED 1

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

Arabidopsis thaliana PIN1 (AT1G73590).

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 &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: 67 kDa

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

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

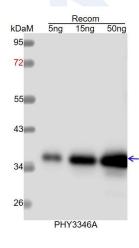
Brassica napus.

For more species homologues information, please contact tech

support at tech@phytoab.com.



Application Example



Recom: 5 ng, 15 ng and 50 ng recombinant protein containing the peptide for

immunization and having a molecular mass of 36 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.