

Anti-Importin subunit alpha-4, N-terminal antibody

Catalog: PHY0829S

Product Information

Description:	Rabbit polyclonal antibody
Background:	IMPa-4 interacts with Agrobacterium proteins VirD2 and VirE2. It binds to conventional NLS motifs and mediates nuclear protein import across the nuclear envelope. And it acts as cellular receptor for the nuclear import of the virD2 protein of Agrobacterium and is essential for Agrobacterium-mediated root transformation.
Synonyms:	IMPa-4, IMPORTIN ALPHA ISOFORM 4.
Immunogen:	KLH-conjugated synthetic peptide (14 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> IMPa-4 (AT1G09270).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150 µl of sterile water. "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

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	59 kDa
Confirmed Reactivity:	Coming soon

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologous with the sequence in *Brassica napus*, *Brassica rapa*.

For more species homologues information, please contact tech support at tech@phytoab.com.