

Anti-Sucrose transport protein SUC3, N-terminal antibody

Catalog: PHY0899A

Product Information

Description:	Rabbit polyclonal antibody
Background:	SUT2 is a sucrose transporter in sieve elements and a number of sink tissues and cell types. It is responsible for the transport of sucrose into the cell, with the concomitant uptake of protons (symport system). It can also transport maltose at a lesser rate.
Synonyms:	SUT2, SUC3, AtSUC3, ARABIDOPSIS THALIANA SUCROSE TRANSPORTER 3, ATSUC3, ATSUT2, SUCROSE TRANSPORTER 2, SUCROSE TRANSPORTER 3
Immunogen:	KLH-conjugated synthetic peptide (15 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> of SUT2 (AT2G02860).
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

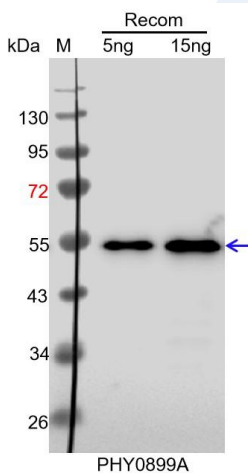
Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	64 kDa

Research Use Only

Confirmed Reactivity: Coming soon

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

Application Example



Recom: 5 ng and 15 ng recombinant protein containing the peptide for immunization and having a molecular mass of 55 kDa.

Electrophoresis: 12% SDS-PAGE.

Transfer: blotting to NC (nitrocellulose) membrane for 1h.

Blocking: 5% skim milk at RT or 4°C for 1h.

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.