

Anti-Sucrose transport protein SUT4 antibody

Catalog: PHY1612S

Product Information

Description:	Rabbit polyclonal antibody
Background:	OsSUT4 is responsible for the transport of sucrose into the cell, with the concomitant uptake of protons (symport system). It may also transport other glucoside.
Synonyms:	SUT4
Immunogen:	KLH-conjugated synthetic peptide (15 aa from N terminal section) derived from <i>Oryza sativa</i> SUT4 (Os02g0827200).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum
Reconstitution:	Peptide affinity form antibody available upon request at info@phytoab.com . 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 (1:1000-1:5000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	63 kDa
Confirmed Reactivity:	Coming soon
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in

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Zea mays, *Triticum aestivum*, *Panicum virgatum*, *Setaria viridis*,
Sorghum bicolor, *Hordeum vulgare*, and 80-99% homologues with
the sequence in *Nicotiana tabacum*, *Solanum tuberosum*, *Solanum*
lycopersicum, *Vitis vinifera*, *Cucumis sativus*, *Gossypium raimondii*,
Brassica napus, *Brassica rapa*, *Arabidopsis thaliana*, *Spinacia*
oleracea, *Populus trichocarpa*, *Medicago truncatula*.

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