

Anti-Sodium transporter HKT1 antibody

Catalog: PHY0979A

Product Information

Description:	Rabbit polyclonal antibody
Background:	AtHKT1 is a sodium (Na ⁺) transporter that functions in mediating tolerance to salt stress. AtHKT1 is involved in Na ⁺ recirculation from shoots to roots, probably by mediating Na ⁺ loading into the phloem sap in shoots and unloading in roots, thereby removing large amounts of Na ⁺ from the shoot.
Synonyms:	HKT1, AtHKT1, HIGH-AFFINITY K ⁺ TRANSPORTER 1, HKT1;1.
Immunogen:	KLH-conjugated synthetic peptide (15 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> HKT1 (AT4G10310).
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 & 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:	57 kDa
Confirmed Reactivity:	Coming soon
Predicted Reactivity:	For more species homologues information, please contact tech support at tech@phytoab.com .

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