

# Anti-Nitrate transporter

Catalog: PHY4558S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	OsNRT1.1A is nitrate transporter 1 belongs to peptide transporter family protein.
<b>Synonyms:</b>	OsNRT1.1A, OsNPF6.3
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (17 aa from central section) derived from <i>Oryza sativa</i> OsNRT1.1A (Os08g0155400).
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Serum Peptide affinity form antibody available upon request at <a href="mailto:info@phytoab.com">info@phytoab.com</a> .
<b>Reconstitution:</b>	Reconstitution with 150µl 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".
<b>Stability &amp; Storage:</b>	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.
<b>Shipping:</b>	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

## Application Information

<b>Recommended Dilution:</b>	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
<b>Expected / apparent MW:</b>	65 kDa
<b>Predicted Reactivity:</b>	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Oryza barthii</i> , <i>Oryza brachyantha</i> , <i>Oryza glaberrima</i> , <i>Oryza glumipatula</i> , <i>Oryza meridionalis</i> , <i>Oryza meyeriana</i> var. <i>granulata</i> ,

Research Use Only

*Oryza nivara*, *Oryza rufipogon*, *Oryza sativa subsp. indica*, *Oryza sativa subsp. japonica*, *Acorus calamus*, *Iris pallida*, *Zingiber officinale*, *Zizania palustris*, and 90% homologues with the sequence in *Actinidia rufa*, *Brassica carinata*, *Carex littledalei*, *Cicer arietinum*, *Cocos nucifera*, *Eleusine coracana subsp. coracana*, *Eragrostis curvula*, *Lupinus angustifolius*, *Medicago truncatula*, *Pisum sativum*, *Stephania cephalantha*, *Stephania japonica*, *Stephania yunnanensis*, *Trifolium medium*, *Vicia faba*, *Zizania palustris*.

For more species homologues information, please contact tech support at [tech@phytoab.com](mailto:tech@phytoab.com).