

Anti-Signal peptide peptidase 1, N-terminal antibody

Catalog: PHY4343A

Product Information

Description:	Rabbit polyclonal antibody
Background:	SPP1
Synonyms:	SPP1
Immunogen:	KLH-conjugated synthetic peptide (17 aa from N terminal section) derived from <i>Oryza sativa</i> SPP1 (Os02g0117400).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of sterile 1×PBS (PH=7.4). "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:	38 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Zea mays</i> , <i>Sorghum bicolor</i> , <i>Gossypium raimondii</i> , <i>Solanum tuberosum</i> , <i>Panicum virgatum</i> , and 80-99% homologues with the sequence in <i>Setaria viridis</i> , <i>Solanum lycopersicum</i> , <i>Populus trichocarpa</i> , <i>Medicago truncatula</i> , <i>Nicotiana tabacum</i> , <i>Vitis vinifera</i> , <i>Hordeum</i>

Research Use Only

vulgare, *Triticum aestivum*, *Cucumis sativus*, *Glycine max*,
Physcomitrium patens, *Spinacia oleracea*, *Arabidopsis thaliana*.

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