

Anti-Aquaporin PIP1-1, N-terminal antibody

Catalog: PHY4025S

Product Information

Description:	Rabbit polyclonal antibody
Background:	Aquaporin. (Os02t0666200-01); Aquaporin. (Os02t0666200-02)
Synonyms:	Os02g0666200, OsPIP1;1, OsPIP1a; RWC1
Immunogen:	KLH-conjugated synthetic peptide (20 aa from N terminal section) derived from <i>Oryza sativa</i> Os02g0666200.
Form:	Lyophilized
Quantity:	50 µg
Purification:	Serum
Reconstitution:	Reconstitution with 50µl 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.

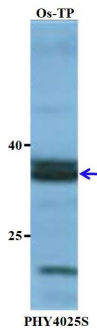
Application Information

Recommended Dilution:	Western Blot (1:1000-1:5000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	31 kDa
Confirmed Reactivity:	<i>Oryza sativa</i>
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Panicum virgatum</i> , <i>Setaria viridis</i> , <i>Sorghum bicolor</i> , and 80-99% homologues with the sequence in <i>Triticum aestivum</i> , <i>Hordeum vulgare</i> , <i>Zea mays</i> , <i>Vitis vinifera</i> , <i>Leymus chinensis</i> , <i>Glycine max</i> , <i>Populus trichocarpa</i> .

Research Use Only

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

Application Example



Os-TP: total protein from *Oryza sativa*.

Primary antibody: 1:5000 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.