

# Anti-Os05g0333200, C-terminal antibody

Catalog: PHY4177S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	Guanine nucleotide-binding protein alpha-1 subunit (GP-alpha-1). (Os05t0333200-00)
<b>Synonyms:</b>	Os05g0333200, D1, RGA1, D89
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (14 aa from C terminal section) derived from <i>Oryza sativa</i> Os05g0333200.
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	50 µg
<b>Purification:</b>	Serum
<b>Reconstitution:</b>	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".
<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>	44 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>Zea mays</i> , <i>Triticum aestivum</i> , <i>Hordeum vulgare</i> , <i>Sorghum bicolor</i> , <i>Setaria viridis</i> , <i>Panicum virgatum</i> , and 80-99% homologues with the sequence in <i>Populus trichocarpa</i> , <i>Glycine max</i> , <i>Gossypium raimondii</i> .

Research Use Only

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