

# Anti-Os10g0533600 antibody

Catalog: PHY4217S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	Similar to Mitogen-activated protein kinase homolog MMK2 (EC 2.7.1.37). (Os10t0533600-01)
<b>Synonyms:</b>	Os10g0533600, MAP kinase 4, mitogen-activated protein kinase 6/OsDR6, OsMPK4, OsMPK6
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (20 aa from C terminal section) derived from <i>Oryza sativa</i> Os10g0533600.
<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;</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
<b>Storage:</b>	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>	43 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>Triticum aestivum</i> , <i>Hordeum vulgare</i> , <i>Arabidopsis thaliana</i> , <i>Vitis vinifera</i> , <i>Brassica rapa</i> , <i>Gossypium raimondii</i> , <i>Brassica napus</i> , and 80-99%

Research Use Only

homologues with the sequence in *Panicum virgatum*, *Hordeum vulgare*, *Medicago truncatula*, *Glycine max*, *Sorghum bicolor*, *Zea mays*, *Nicotiana tabacum*, *Solanum tuberosum*, *Setaria viridis*, *Cucumis sativus*, *Populus trichocarpa*, *Solanum lycopersicum*. For more species homologues information, please contact tech support at [tech@phytoab.com](mailto:tech@phytoab.com).