

Anti-Mitogen-activated protein kinase 3 antibody

Catalog: PHY4266S

Product Information

Description:	Rabbit polyclonal antibody
Background:	MAP kinase MAPK2 (MAP kinase 3).
Synonyms:	OsMPK3, OsMAPK33, OsMPK14
Immunogen:	KLH-conjugated synthetic peptide (20 aa from C terminal section) derived from <i>Oryza sativa</i> OsMPK3 (Os02g0148100).
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 (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	42 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Setaria viridis</i> , <i>Panicum virgatum</i> , and 80-99% homologues with the sequence in <i>Zea mays</i> , <i>Hordeum vulgare</i> , <i>Triticum aestivum</i> , <i>Sorghum bicolor</i> , <i>Cucumis sativus</i> , <i>Gossypium raimondii</i> , <i>Populus trichocarpa</i> , <i>Solanum tuberosum</i> , <i>Solanum lycopersicum</i> , <i>Vitis</i>

Research Use Only

vinifera, Arabidopsis thaliana, Nicotiana tabacum, Medicago truncatula, Brassica napus, Brassica arapa.

The sequence of the synthetic peptide used for immunization is 80% (12 / 15) homologues with the sequence in OsMPK4 (Os06g0699400).

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