Anti-Mitogen-activated protein kinase 1, C-terminal antibody

Product Information

Description:	Rabbit polyclonal antibody
Background:	Mitogen-activated protein kinase, Brassinosteroid (BR) signaling and homeostasis, Regulation of grain size and plant height (Os06t0154500-01)
Synonyms:	MPK1, OsMAPK6; OsMPK6; OsSIPK; DSG1; OsMPK1; BLS1; LOG6
Immunogen:	KLH-conjugated synthetic peptide (22 aa from C terminal section) derived from *Oryza sativa* MPK1 (Os06g0154500).
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℃ as supplied.
	6 months, -20 to -70℃ under sterile conditions after reconstitution.
	1 month, 2 to 8℃ under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4℃. 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:	45 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Panicum virgatum,* and 80-99% homologues with the sequence in *Sorghum bicolor*, *Zea mays*, *Setaria viridis*, *Hordeum vulgare*, *Triticum*

aestivum, Vitis vinifera, Solanum tuberosum, Solanum lycopersicum, Brassica rapa, Glycine max, Gossypium raimondii, Populus trichocarpa, Nicotiana tabacum, Medicago truncatula, Cucumis sativus, Brassica napus.

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

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