

Anti-OsD53 antibody

Catalog: PHY4626A

Product Information

Description:	Rabbit polyclonal antibody
Background:	OsD53 is a key repressor in rice strigolactone signaling. Upon strigolactone perception, it is ubiquitinated and degraded via the D14-D3 complex, thereby releasing the inhibition of downstream genes to regulate tillering and plant architecture.
Synonyms:	OsD53, D53, D53(D K3), DK3, Dwf34, SMXL6/7/8
Immunogen:	KLH-conjugated synthetic peptide (17 aa from central section) derived from <i>Oryza sativa</i> OsD53 (Os11g0104300; Os12g0104300).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of sterile 1XPBS (PH=7.4) containing 30% glycerol. "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:	123 kDa
Predicted Reactivity:	For more species homologues information, please contact tech support at tech@phytoab.com .

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