

Anti-Cyclin-dependent kinase D-2 antibody

Catalog: PHY1423S

Product Information

Description:	Rabbit polyclonal antibody
Background:	Cyclin-dependent kinase D-2 forms a stable complex with cyclin CYCH1-1 that phosphorylates CDK2 and the C-terminal domain (CTD) of the large subunit of RNA polymerase II. In Arabidopsis, there is three CDKDs: CDKD;1 (AT1G73690), CDKD;2 (AT1G66750), CDKD;3 (AT1G18040).
Synonyms:	CAK4At, AT;CDKD;2, CAK4, CAK4AT, CDK-ACTIVATING KINASE 4, CDKD1;2, CDKD;2, CYCLIN-DEPENDENT KINASE D1;2
Immunogen:	KLH-conjugated synthetic peptide (10 aa from C terminal section) protein derived from <i>Arabidopsis thaliana</i> CAK4At (AT1G66750).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150 µl 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:	39 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in

Research Use Only

Brassica rapa, Brassica napus.

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