



Rabbit Anti-Arabidopsis thaliana CAK4At Polyclonal Antibody (CABT-Z843R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of CAK4At protein derived from Arabidopsis thaliana AT1G66750.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Unpurified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	Expected M.W.: 39 kDa; Apparent M.W.: 45 kDa
Reconstitution	Reconstitution with 150 µl of sterile water.
Format	Lyophilized
Size	150 µg
Preservative	None
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.

BACKGROUND

Introduction

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).

Keywords

CAK4At;AT;CDKD;2;CAK4;CAK4AT;CDK-ACTIVATING KINASE 4;CDKD1;2;CDKD;2;CYCLIN-DEPENDENT KINASE D1;2

GENE INFORMATION

Gene Name

CDKD-2

Entrez Gene ID[842993](#)**UniProt ID**[Q9C9M7](#)
