



# Rabbit Anti-Arabidopsis thaliana CDKB Polyclonal Antibody (CABT-Z859R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide of CDKB derived from Arabidopsis thaliana AT3G54180 and AT2G38620.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Arabidopsis thaliana
<b>Purification</b>	Unpurified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB Recommended dilution: WB: 1:1000-1:2000
<b>Molecular Weight</b>	35 kDa (AT3G54180), 30 kDa (AT2G38620)
<b>Reconstitution</b>	Reconstitution with 150 µl of sterile water.
<b>Format</b>	Lyophilized
<b>Size</b>	150 µg
<b>Preservative</b>	None
<b>Storage</b>	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**

Arabidopsis homolog of yeast cdc2, a protein kinase (cyclin-dependent kinase) that plays a central role in control of the mitotic cell cycle. It may control G2/M (mitosis) phase progression. It plays a role in regulating seedling growth in darkness via regulation of hypocotyl cell elongation and cotyledon cell development.

**Keywords**

CDKB;CDKB1;1/2;CYCLIN-DEPENDENT KINASE B1;1/2;CDKB1;1/2;CYCLIN-DEPENDENT KINASE B1;1/2.

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## GENE INFORMATION

**Gene Name**

CDKB1-1; CDKB1-2

**Entrez Gene ID**

[824585](#); [818444](#)

**UniProt ID**

[P25859](#); [Q2V419](#)

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