



# Rabbit Anti-Arabidopsis thaliana BBX21 Polyclonal Antibody (CABT-Z826R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide derived from C-terminal section of BBX21 in Arabidopsis thaliana AT1G75540.
<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>	37 kDa
<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

B-box (BBX) proteins are zinc-finger transcription factors containing one or two B-box motifs. BBX proteins act as key factors in the networks regulating growth and development. BBX21 acts downstream of COP1 (AT2G32950) and play an important role in early and long-term adjustment of the shade avoidance syndrome (SAS) responses in natural environments.

### Keywords

BBX21;ATBBX21;B BOX 21;B-BOX DOMAIN PROTEIN 21;LHUS;LONG HYPOCOTYL UNDER SHADE;SALT TOLERANCE HOMOLOG2;STH2

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## GENE INFORMATION

### Gene Name

BBX21

### Entrez Gene ID

[843890](#)

### UniProt ID

[Q9LQZ7](#)

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