



# Rabbit Anti-Arabidopsis thaliana BGLU22 Polyclonal Antibody (CABT-Z828R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide of BGLU22 derived from Arabidopsis thaliana AT1G66280.
<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>	60 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.
<b>Ship</b>	Wet ice

# BACKGROUND

**Introduction** BGLU22 is a Glycosyl hydrolase superfamily protein. In Arabidopsis, three  $\beta$ -glucosidases (AT1G66270-BGLU21, AT1G66280-BGLU22, AT3G09260-BGLU23), which belong to the subfamily 3 of GH family 1, are known to be root-specific enzymes, and they all share an endoplasmic reticulum (ER) retention signal at their C-terminus. Malboobi and Lefebvre (1997) showed the induction of BGLU21 in response to phosphate starvation.

**Keywords** BGLU22; Beta-glucosidase 22; AtBGLU22

# GENE INFORMATION

**Gene Name** BGLU22

**Entrez Gene ID** [842945](#)

**UniProt ID** [Q9C8Y9](#)