



# Rabbit Anti-Arabidopsis thaliana OBGL Polyclonal Antibody (CABT-Z958R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide of OBGL derived from Arabidopsis thaliana AT5G18570.
<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>	Expected M.W.: 76 kDa; Apparent M.W.: 72 kDa
<b>Reconstitution</b>	Reconstitution with 150 µl of sterile water.
<b>Cellular Localization</b>	Chloroplast
<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

OBGL is a chloroplast protein which is close to the Obg nucleotide binding protein subfamily and displays GTPase activity. ATOBGC is required for the normal organization of mature thylakoid stacks, and ultimately for embryo development. And it is involved in thylakoid membrane biogenesis and functions primarily in plastid ribosome biogenesis during chloroplast development.

### Keywords

CPSAR1;ATOBGC;ATOBGL;CHLOROPLASTIC SAR1;EMB269;EMB3138;EMBRYO DEFECTIVE 269;EMBRYO DEFECTIVE 3138;OBG A-2;OBG-LIKE PROTEIN;OBGL

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## GENE INFORMATION

### Gene Name

OBGL

### Entrez Gene ID

[831975](#)

### UniProt ID

[Q8L7L0](#)

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