



# Rabbit Anti-Arabidopsis thaliana DOG1 Polyclonal Antibody (CABT-Z995R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide of DOG1 derived from Arabidopsis thaliana AT5G45830.
<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>	40 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	DOG1 belongs to a novel plant-specific gene family whose members include: DOG1-like 1-4 (DOGL1-4, AT4G18660, AT4G18680, AT4G18690, AT4G18650, respectively) and DOG1 (AT5G45830). DOG1 was recently identified as a major regulator of dormancy in Arabidopsis thaliana.
Keywords	DOG1;ATDOG1;DELAY OF GERMINATION 1;GAAS5;GERMINATION ABILITY AFTER STORAGE 5;GLUCOSE SENSING QTL 5;GSQ5

# GENE INFORMATION

Gene Name	DOG1
Entrez Gene ID	<a href="#">834623</a>
UniProt ID	<a href="#">A0SVK0</a>