



# Rabbit Anti-Arabidopsis thaliana AGL24 Polyclonal Antibody (CABT-Z584R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide of AGL24 derived from Arabidopsis thaliana AT4G24540.
<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>	25 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** AGL24 has the highest similarity to the floral repressor SVP, and these two similar MADS box genes have opposite functions in controlling the floral transition in *Arabidopsis thaliana*, with AGL24 functioning as a promoter and SVP as a repressor. AGL24 promotes inflorescence identity, and its expression is downregulated by APETALA1 (AP1) and LEAFY to establish floral meristem identity.

**Keywords** AGL24;AGAMOUS-LIKE 24

# GENE INFORMATION

**Gene Name** AGL24

**Entrez Gene ID** [828556](#)

**UniProt ID** [O82794](#)