



Rabbit anti-Arabidopsis thaliana AG (N-term) Polyclonal Antibody (CABT-Z011R)

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

PRODUCT INFORMATION

Immunogen	Antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of arabidopsis thaliana AG.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:500-1:2,000 (detect endogenous protein*)
Molecular Weight	29 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of arabidopsis thaliana AG (At4g18960).
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN ₃ .
Preservative	0.01% NaN ₃

Storage	Store at -20°C. Stable for 6 months from date of receipt.
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Ship	Wet ice
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BACKGROUND

Introduction	AG (AGAMOUS) is a probable transcription factor involved in the control of organ identity during the early development of flowers. AG is required for normal development of stamens and carpels in the wild-type flower. AG plays a role in maintaining the determinacy of the floral meristem. AG acts as C class cadastral protein by repressing the A class floral homeotic genes like APETALA1. AG forms a heterodimer via the K-box domain with either SEPALATTA1/AGL2, SEPALATTA2/AGL4, SEPALLATA3/AGL9 or AGL6 that could be involved in gene regulation during floral meristem development.
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Keywords	Floral homeotic protein AGAMOUS;At4g18960;AG;F13C5.130
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GENE INFORMATION

Gene Name	AG
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Entrez Gene ID	827631
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UniProt ID	P17839
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