



Rabbit anti-Arabidopsis thaliana RGA (N-term) Polyclonal Antibody (CABT-Z129R)

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 RGA.
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	64 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of arabidopsis thaliana RGA (At2g01570).
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	RGA is a probable transcriptional regulator that acts as a repressor of the gibberellin (GA) signaling pathway. RGA probably acts by participating in large multiprotein complexes that repress transcription of GA-inducible genes. RGA positively regulates XERICO expression in seeds. Upon GA application, it is degraded by the proteasome, allowing the GA signaling pathway. Compared to other DELLA proteins, it is the most sensitive to GA application. Its activity is probably regulated by phytohormones other than BOI, such as auxin and ethylene.
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Keywords	DELLA protein RGA;GAI-related sequence;GRAS family protein 10;AtGRAS-10;Repressor on the ga1-3 mutant;Restoration of growth on ammonia protein 1;GRS;RGA1
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GENE INFORMATION

Gene Name	RGA
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Entrez Gene ID	814686
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UniProt ID	Q9SLH3
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