



Rabbit anti-Arabidopsis thaliana GI (C-term) Polyclonal Antibody (CABT-Z079R)

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 C-terminal region of arabidopsis thaliana GI.
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	128 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana GI (At1g22770).
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	Protein GIGANTEA (GI) is involved in regulation of circadian rhythm and photoperiodic flowering, and may play a role in the maintenance of circadian amplitude and period length. GI is involved in phytochrome B signaling. GI stabilizes ADO3 and the circadian photoreceptor ADO1/ZTL, and regulates 'CONSTANS' (CO) in the long-day flowering pathway by modulating the ADO3-dependent protein stability of CDF1 and CDF2, but is not essential to activate CO transcription. GI regulates, via the microRNA miR172, a CO-independent pathway that promotes photoperiodic flowering by inducing 'FLOWERING LOCUS T'.
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Keywords	Protein GIGANTEA;GI
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GENE INFORMATION

Gene Name	GI
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Entrez Gene ID	838883
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UniProt ID	Q9SQI2
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