



Rabbit anti-Arabidopsis thaliana FCA (N-term) Polyclonal Antibody (CABT-Z069R)

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 FCA.
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	82, 58, 55, 29 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of arabidopsis thaliana FCA (AT4G16280).
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	FCA plays a major role in the promotion of the transition of the vegetative meristem to reproductive development. FCA plays a role in the regulation of flowering time in the autonomous flowering pathway by decreasing FLOWERING LOCUS C mRNA levels. FCA required for RNA-mediated chromatin silencing of a range of loci in the genome. Cotranscriptionally recognizes aberrant RNA and marks it for silencing. Controls alternative cleavage and polyadenylation on pre-mRNAs and antisense RNAs. FCA acts redundantly with FPA to prevent the expression of distally polyadenylated antisense RNAs at the FLC locus.
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Keywords	Flowering time control protein FCA;At4g16280;At4g16290;At4g16300;dl4180c;dl4181c;dl4182c;FCAALL.331
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GENE INFORMATION

Gene Name	FCA
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Entrez Gene ID	827323
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UniProt ID	O04425
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