



Rabbit anti-Arabidopsis thaliana CO (Middle region) Polyclonal Antibody (CABT-Z045R)

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 middle region of arabidopsis thaliana CO.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1,000-1:3,000 (detect endogenous protein*)
Molecular Weight	42 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of arabidopsis thaliana CO (At5g15840).
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	Zinc finger protein CONSTANS (CO) is a putative transcription factor that acts in the long day flowering pathway and may mediate between the circadian clock and the control of flowering. CO plays a role in the regulation of flowering time by acting on 'SUPPRESSOR OF OVEREXPRESSION OF CO1', 'TERMINAL FLOWER 1' and 'FLOWERING LOCUS T'. CO also regulates P5CS2 and ACS10, which is involved in proline and ethylene biosynthesis, respectively.
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Keywords	Zinc finger protein CONSTANS;CO
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GENE INFORMATION

Gene Name	CO
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Entrez Gene ID	831441
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UniProt ID	Q39057
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