



# Rabbit anti-Arabidopsis thaliana CO (C-term) Polyclonal Antibody (CABT-Z044R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana CO.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Arabidopsis thaliana
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB Recommended dilution: WB: 1:1,000-1:3,000 (detect endogenous protein*)
<b>Molecular Weight</b>	Predicted M.W.: 42 kDa; Observed M.W.: 54 kDa
<b>Preparation</b>	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana CO (At5g15840).
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µl
<b>Buffer</b>	Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN <sub>3</sub> .
<b>Preservative</b>	0.01% NaN <sub>3</sub>

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

<b>Introduction</b>	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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<b>Keywords</b>	Zinc finger protein CONSTANS;CO
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## GENE INFORMATION

<b>Gene Name</b>	CO
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<b>Entrez Gene ID</b>	<a href="#">831441</a>
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<b>UniProt ID</b>	<a href="#">Q39057</a>
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