



Rabbit anti-Arabidopsis thaliana CRY1 (C-term) Polyclonal Antibody (CABT-Z051R)

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 CRY1.
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	77 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana CRY1 (AT4G08920).
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	CRY1 mediates blue light-induced gene expression through the inhibition of COP1-mediated degradation of the transcription factor BIT1. CRY1 is involved in blue light-dependent stomatal opening, CHS gene expression, inhibition of stem growth and increase of root growth.
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Keywords	Cryptochrome-1;Blue light photoreceptor;Protein BLUE LIGHT UNINHIBITED 1;Protein ELONGATED HYPOCOTYL 4;Protein OUT OF PHASE 2;OOP2;BLU1;HY4;At4g08920;T3H13.14;T3H13.5
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GENE INFORMATION

Gene Name	CRY1
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Entrez Gene ID	826470
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UniProt ID	Q43125
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