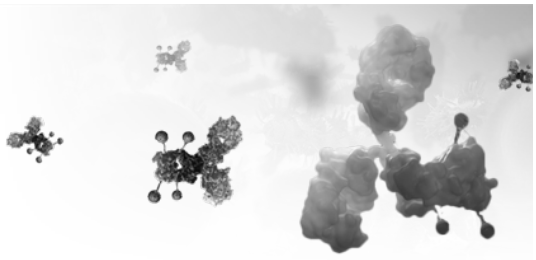

Rabbit anti-Arabidopsis thaliana TOC1 (N-term) Polyclonal Antibody (CABT-Z153R)

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 TOC1.
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	Predicted M.W.: 69 kDa; Observed M.W.: 75 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of arabidopsis thaliana TOC1 (At5g61380).
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% NaN3.
Preservative	0.01% NaN3

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Storage	Store at -20°C. Stable for 6 months from date of receipt.
Ship	Wet ice

BACKGROUND

Introduction	TOC1 is a Pseudo response regulator involved in the generation of circadian rhythms. TOC1 appears to shorten the period of circumnutation speed. TOC1 contributes to the plant fitness (carbon fixation, biomass) by influencing the circadian clock period. PRR3 may increase the stability of TOC1 by preventing interactions between TOC1 and the F-box protein ZTL. Expression of TOC1 is correlated with rhythmic changes in chromatin organization.
Keywords	Two-component response regulator-like APRR1;ABI3-interacting protein 1;Pseudo-response regulator 1;Timing of CAB expression 1;APRR1;ATTOC1;PRR1;PSEUDO-RESPONSE REGULATOR 1;TIMING OF CAB EXPRESSION 1;AIP1

GENE INFORMATION

Gene Name	APRR1
Entrez Gene ID	836259
UniProt ID	Q9LKL2

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