

TOC1 polyclonal antibody

Catalog # PAB16032 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TOC1.
Immunogen	A synthetic peptide corresponding to C-terminus of <i>Arabidopsis thaliana</i> TOC1.
Host	Rabbit
Reactivity	Thale cress
Form	Liquid
Recommend Usage	ELISA (1:2000-1:5000) Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — TOC1

Entrez GeneID	836259
Gene Name	TOC1

Gene Alias	APRR1, MFB13.13, MFB13_13, PRR1, PSEUDO-RESPONSE REGULATOR 1, TIMING OF CAB EXPRESSION 1, TIMING OF CAB1 1
Gene Description	TOC1 (TIMING OF CAB EXPRESSION 1); transcription regulator
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- [The APRR1/TOC1 quintet implicated in circadian rhythms of Arabidopsis thaliana: I. Characterization with APRR1-overexpressing plants.](#)
Makino S, Matsushika A, Kojima M, Yamashino T, Mizuno T.
Plant & cell physiology 2002 Jan; 43(1):58.
- [Reciprocal regulation between TOC1 and LHY/CCA1 within the Arabidopsis circadian clock.](#)
Alabadi D, Oyama T, Yanovsky MJ, Harmon FG, Mas P, Kay SA.
Science 2001 Aug; 293(5531):880.
- [Circadian waves of expression of the APRR1/TOC1 family of pseudo-response regulators in Arabidopsis thaliana: insight into the plant circadian clock.](#)
Matsushika A, Makino S, Kojima M, Mizuno T.
Plant & Cell Physiology 2000 Sep; 41(9):1002.