



[Go to Product page](#)

Datasheet for ABIN965584  
**anti-TOC1 antibody (C-Term)**

7 Publications

Overview

Quantity:	0.1 mg
Target:	TOC1
Binding Specificity:	C-Term
Reactivity:	Arabidopsis thaliana
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TOC1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

**Immunogen:** Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of Plant Thale cress (*Arabidopsis thaliana*) APRR1(Two-component response regulator-like APRR1)

Target Details

**Target:** TOC1

**Alternative Name:** APRR1 ([TOC1 Products](#))

**Background:** APRR1(Two-component response regulator-like APRR1) controls photoperiodic flowering response. APRR1 seems to be one of the component of the circadian clock. Expression of several members of the ARR-like family is controlled by circadian rhythm. The particular coordinated sequential expression of APRR9, APRR7, APRR5, APRR3 and APRR1 result to

## Target Details

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circadian waves that may be at the basis of the endogenous circadian clock. APRR1 interacts with PIF1, PIL2, PIF3, PIF4, PIL5, PIL6, ABI3, ADO1 and ADO2. APRR1 is expressed in leaves, flowers and siliques. It is expressed with a circadian rhythm showing a broad peak in the late day. APRR1 is negatively regulated by LHY and CCA1. APRR1 belongs to the ARR-like family and contains 1 CCT domain and 1 response regulatory domain.

Synonyms: AIP1 (ABI3-interacting protein 1), TOC1 (Timing of CAB expression 1), MFB13.16

## Application Details

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Restrictions: For Research Use only

## Handling

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Storage: 4 °C

## Publications

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Product cited in: Yuan, Ghim, Newsome, Apolinario, Olcese, Martin, Delius, Felsburg, Jenson, Schlegel: "An epidermotropic canine papillomavirus with malignant potential contains an E5 gene and establishes a unique genus." in: **Virology**, Vol. 359, Issue 1, pp. 28-36, (2007) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)