

# Anti-APRR1 Antibody

Catalog # AP54154

## Product Information

Application	WB
Primary Accession	<a href="#">Q9LKL2</a>
Reactivity	Arabidopsis thaliana
Host	Rabbit
Clonality	Polyclonal
Calculated MW	69195

## Additional Information

Gene ID	836259
Other Names	AIP1; TOC1; Two-component response regulator-like APRR1; ABI3-interacting protein 1; Pseudo-response regulator 1; Timing of CAB expression 1
Target/Specificity	Recognizes endogenous levels of APRR1 protein.
Dilution	WB~~1/500 - 1/2000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

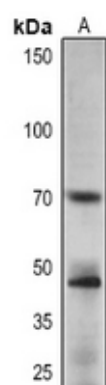
## Protein Information

Name	APRR1
Synonyms	AIP1, TOC1
Function	Controls photoperiodic flowering response. 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 circadian waves that may be at the basis of the endogenous circadian clock. Positive regulator of CCA1 and LHY expression.
Cellular Location	Nucleus {ECO:0000255   PROSITE-ProRule:PRU00357, ECO:0000269   PubMed:18562312}
Tissue Location	Expressed in leaves, flowers and siliques. Restricted to the vasculature.

## Background

## Images

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Western blot analysis of APRR1 expression in *Arabidopsis thaliana* (A) whole cell lysates.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.