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Anti-APRR1 Antibody

Catalog # AP54154

Product Information

Application	WB
Primary Accession	Q9LKL2
Reactivity	Arabidopsis thaliana
Host	Rabbit
Clonality	Polyclonal
Calculated MW	69195

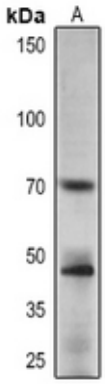
Additional Information

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	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of arabidopsis thaliana APRR1. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/2000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% 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 APPR1 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.

Images



Western blot analysis of APRR1 expression in arabidopsis thaliana (A) whole cell lysates. (Predicted band size: 69 kD; Observed band size: 69 kD)

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