

DATASHEET

APRR1 Rabbit Polyclonal Antibody

CAT. NO. APA12525

KEY FEATURES

Target	APRR1	Source / Host	Rabbit
Reactivity	Arabidopsis thaliana	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

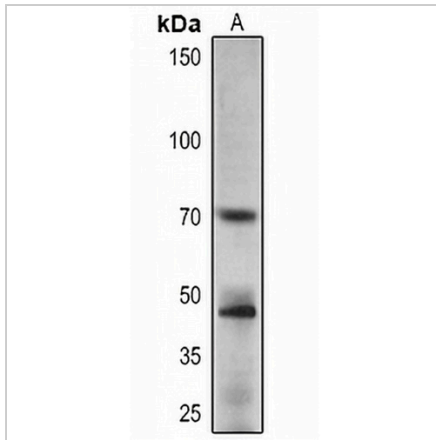
Description	Rabbit polyclonal antibody to APRR1
Specificity	Recognizes endogenous levels of APRR1 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of arabidopsis thaliana APRR1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 69 kD; Observed: 69 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	AIP1; TOC1; Two-component response regulator-like APRR1; ABI3-interacting protein 1; Pseudo-response regulator 1; Timing of CAB expression 1
Gene Symbol	APRR1
Entrez Gene	836259(Human)
SwissProt	Q9LKL2(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

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

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.