

APRR3 Rabbit pAb

Catalog No.: A22254

Basic Information

Observed MW

55kDa

Calculated MW

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Arabidopsis thaliana

Background

Encodes pseudo-response regulator 3 (APRR3/PRR3). PRR3 transcript levels vary in a circadian pattern with peak expression at dusk under long and short day conditions. PRR3 affects the period of the circadian clock and seedlings with reduced levels of PRR3 have shorter periods, based on transcriptional assays of clock-regulated genes. PRR3 is expressed in the vasculature of cotyledons and leaves where it may help stabilize the TOC1 protein by preventing interactions between TOC1 and the F-box protein ZTL.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

836132

Swiss Prot

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 245-371 of Arabidopsis thaliana APRR3 (NP_568919.1).

Synonyms

APRR3; MGO3.8; MGO3_8; pseudo-response regulator 3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

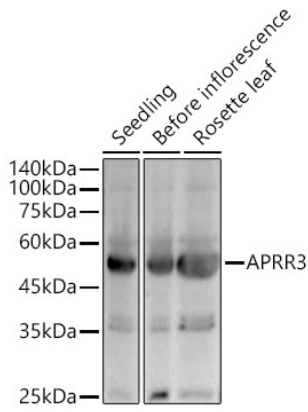
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various tissues from *Arabidopsis thaliana*, using APRR3 Rabbit pAb (A22254) at 1:900 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 20s.