APRR3 Rabbit pAb

Catalog NO.: A22254

Basic Information

Observed MW
55kDa

Calculated MW

Category
Polyclonal Antibodies

Applications
WB, ELISA

Cross-Reactivity
Arabidopsis thaliana

Conjugation
Unconjugated

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

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
836132

Swiss Prot

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

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

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

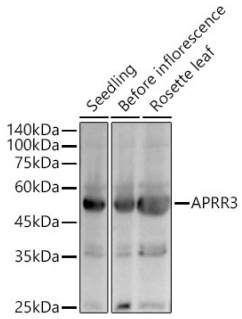
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

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-conjugated 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.

For research use only. Not for therapeutic or diagnostic purposes.

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