Med25 Rabbit pAb

Catalog No.: A21274



Basic Information

Observed MW

75kDa

Calculated MW

90kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Arabidopsis thaliana

Background

Encodes a nuclear protein that acts in a phyB pathway (but downstream of phyB) and induces flowering in response to suboptimal light conditions. PFT1 promotes flowering in CO dependent and independent pathways and integrates several environmental stimuli, such as light quality and JA-dependent defenses. Mutants are hypo-responsive to far-red and hyperresponsive to red light and flower late under long day conditions. Also shown to be a Mediator subunit regulating jasmonate-dependent defense.

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 839141

Swiss Prot Q7XYY2

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

F2J7.4; F2J7_4; MED25; mediator 25; PHYTOCHROME AND FLOWERING TIME 1; Med25

Contact

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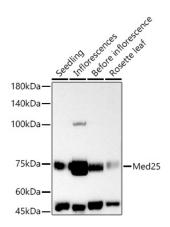
Product Information

SourceIsotypePurificationRabbitIgGAffinity 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.



Western blot analysis of extracts of various tissues from Arabidopsis thaliana, using Med25 Rabbit pAb (A21274) at 1:1000 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: 90s.