

CAB21274

Product Information

Product SKU:	CAB21274	Gene ID:	839141	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Arabidopsis thaliana

Additional Information

Observed MW:	75kDa	Conjugate:	Unconjugated
Calculated MW:	90kDa	Isotype:	IgG

Immunogen Information

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 hyper-responsive to red light and flower late under long day conditions. Also shown to be a Mediator subunit regulating jasmonate-dependent defense.

Recommended Dilution: WB, 1:500 - 1:1000

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

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 200-300 of arabidopsis thaliana Med25 (NP_173925.3).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.