

CAB21278

Product Information

Product SKU:	CAB21278	Gene ID:	829544	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Arabidopsis thaliana

Additional Information

Observed MW:	30kDa	Conjugate:	Unconjugated
Calculated MW:	25kDa	Isotype:	IgG

Immunogen Information

Background: Light and temperature are two key environmental signals that profoundly affect plant growth and development, COR28 and COR27 are negative regulators of freezing tolerance but positive regulators of flowering. They are involved in central circadian clock regulation and in flowering promotion, by binding to the chromatin of clock-associated evening genes TOC1, PRR5, ELF4 and cold-responsive genes in order to repress their transcription. And also are direct targets of CCA1, which represses their transcription via chromatin binding.

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

Synonyms: F17I5.170; F17I5_170; COR28

Purification Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 50-170 of arabidopsis thaliana COR28 (NP_567946.1).

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