

CAB21961

Product Information

Product SKU:	CAB21961	Gene ID:	828653	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Arabidopsis thaliana

Additional Information

Observed MW:	25kDa	Conjugate:	Unconjugated
Calculated MW:	24kDa	Isotype:	IgG

Immunogen Information

Background: Transcriptional activator that binds to the DRE/CRT regulatory element and induces COR (cold-regulated) gene expression increasing plant freezing tolerance. It encodes a member of the DREB subfamily A-1 of ERF/AP2 transcription factor family (CBF1). The protein contains one AP2 domain. There are six members in this subfamily, including CBF1, CBF2, and CBF3. This gene is involved in response to low temperature and abscisic acid.

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

Synonyms: ATCBF1; C-repeat/DRE binding factor 1; DRE BINDING PROTEIN 1B; DREB1B; T30C3.11; TRANSCRIPTIONAL ACTIVATOR CBF1

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 50-150 of arabidopsis thaliana DREB1B (NP_567721.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 50% glycerol, pH 7.3.