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FRIGIDA (N) Antibody, Rabbit Polyclonal

Cat#: R3453-1

Quantity: 100 ul

Predicted | Observed M.W.: 35 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q67Z93

Background:

FRIGIDA is a major determinant of natural variation in Arabidopsis flowering time. Dominant alleles of FRIGIDA confer a vernalization requirement causing plants to overwinter vegetatively. Many early flowering accessions carry loss-of-function fri alleles. Twenty distinct haplotypes that contain non-functional FRIGIDA alleles have been identified and the distribution analyzed in over 190 accessions. The common lab strains- Col and Ler each carry loss of function mutations in FRIGIDA.

Other Names:

Inactive protein FRIGIDA, At4g00650, F6N23.25, FLOWERING LOCUS A, FRI, REDUCED STEM BRANCHING 7, RSB7

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of *arabidopsis thaliana* FRIGIDA (AT4G00650). Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Arabidopsis thaliana

Tested Applications:

WB: 1:500-1:2,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

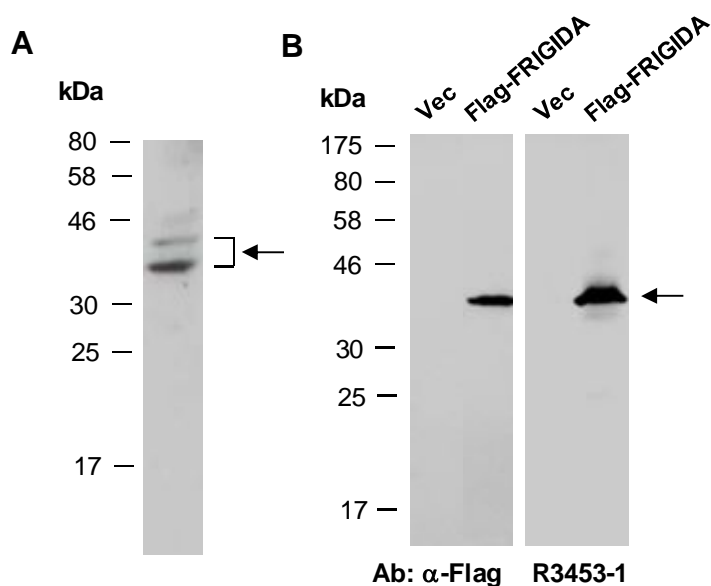


Fig 1. A) Western blot analysis of total protein extracts from wild type Arabidopsis leaves, using anti-FRIGIDA (N) (R3453-1) at RT for 2 h. **B)** Western blot of protein extract from human 293T cells transfected with the vector control (Vec) or Flag-tagged FRIGIDA (AT4G00650), using the indicated Abs at RT for 2 h.