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(818)-707-0392 (Fax)
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AGL8 (M) Antibody, Rabbit Polyclonal

Cat#: R3484-1

Quantity: 100 ul

Predicted | Observed M.W.: 28 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q38876

Background:

AGL8 is a probable transcription factor that promotes early floral meristem identity in synergy with APETALA1 and CAULIFLOWER. AGL8 is required subsequently for the transition of an inflorescence meristem into a floral meristem. AGL8 seems to be partially redundant to the function of APETALA1 and CAULIFLOWER in the up-regulation of LEAFY. AGL8 is also required for normal pattern of cell division, expansion and differentiation during morphogenesis of the silique. AGL8 is probably not required for fruit elongation but instead is required to prevent ectopic activity of IND.

Other Names:

Agamous-like MADS-box protein AGL8, Floral homeotic protein AGL8, Transcription factor FRUITFULL, FUL, At5g60910, MSL3.3, AGAMOUS-LIKE 8

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of *arabidopsis thaliana* FRUITFULL/AGL8 (AT5G60910). 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:

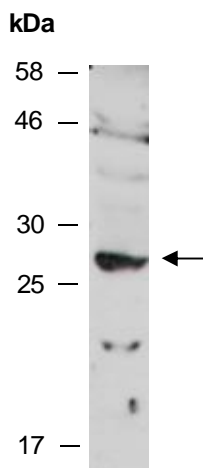


Fig 1. Western blot analysis of total protein extracts from wild type arabidopsis leaves, using anti-AGL8 (M) (R3484-1) at RT for 2 h.