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FANCM (N) Antibody, Rabbit Polyclonal

Cat#: R3174-1

Quantity: 100 ul

Predicted | Observed M.W.: 156 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: F4HYE4

Background:

FANCM is a highly conserved helicase that functions as a major factor limiting meiotic crossover formation. It is not directly involved in the repair of DNA lesions but suppresses spontaneous somatic homologous recombination via a RecQ helicase (At-RECQ4A)-independent pathway.

Other Names:

Helicase FANCM-like protein, AT-FANCM, FANCM, FANCONI ANEMIA COMPLEMENTATION GROUP M

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of *arabidopsis thaliana* FANCM (At1g35530). 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:

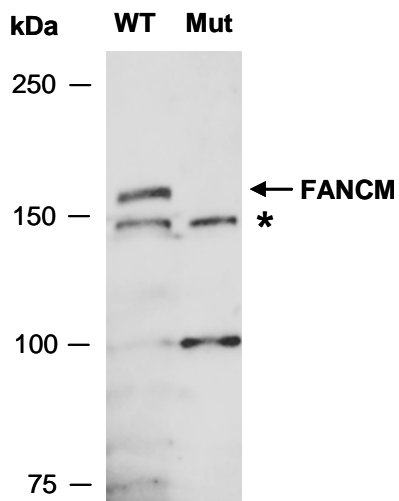


Fig 1. Western of protein extracts from WT or FANCM deficient mutant (Mut) arabidopsis; using anti-FANCM (N) (R3174-1) at RT for 2 h. * indicates a non-specific protein serving as a loading control.