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ABP1 (N) Antibody, Mouse Monoclonal

Cat#: M2095-1

Quantity: 100 ul

Predicted | Observed M.W.: 22 kDa

Isotype: Mouse IgG1

Lot#: Refer to vial

Application: WB

Uniprot ID: P33487

Clone: 3B4

Background:

The plant hormone class, auxins, regulates three essential cellular fates in morphogenesis, elongation, division, and differentiation. Auxin-binding protein 1 (ABP1) is a receptor for auxin mediating auxin-induced cell elongation and, directly or indirectly, cell division.

Other Names:

Auxin-binding protein 1, ABP, ERABP1

Source and Purity:

Mouse monoclonal antibodies were produced by immunizing mice with a GST-fusion protein containing the N-terminal region of *arabidopsis thaliana* ABP1 (At4g02980). Antibodies were purified by Caprylic Acid- Ammonium Sulfate precipitation.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 40% Glycerol, 0.02% Thimerosal. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Arabidopsis thaliana

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

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

Product Data:

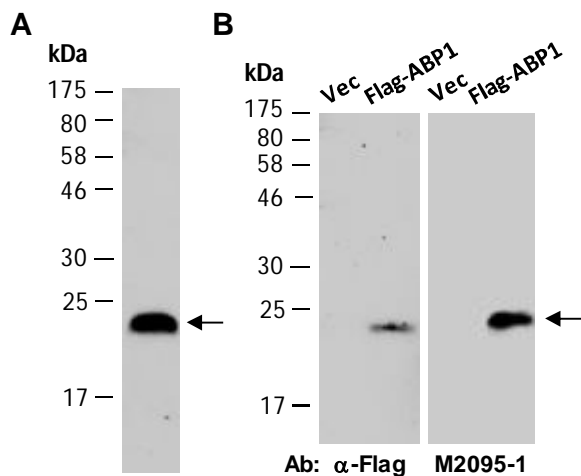


Fig 1. A) Western blot of total cell extracts from *arabidopsis thaliana*; using anti-ABP1 (N) (M2095-1) at RT for 2 h. **B)** Same as in **A** except that protein extracts from human 293T cells transfected with a vector control (Vec) or Flag-ABP1 were used.