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ABP1 (M) Antibody, Rabbit Polyclonal

Cat#: R2095-2

Quantity: 100 ul

Predicted | Observed M.W.: 22 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P33487

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:

polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of *arabidopsis thaliana* ABP1 (At4g02980). 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:

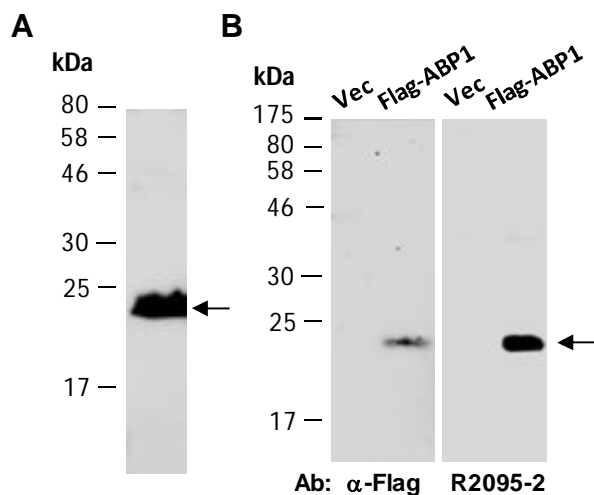


Fig 1. A) Western blot of total protein extracts from wild type *arabidopsis* leaves; using anti-ABP1 (M) (R2095-2) at RT for 2 h. **B)** Same as in **A** except that protein extracts from human 293T cells transfected with a vector control (Vec) or Flag-ABP1 were used.