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(818)-707-0392 (Fax)
order@abiocode.com
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ACTIN (N) Antibody, Rabbit Polyclonal

Cat#: R3772-1P

Quantity: 100 ul

Predicted | Observed M.W.: 42 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P0CJ46

Background:

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells. Essential component of cell cytoskeleton; plays an important role in cytoplasmic streaming, cell shape determination, cell division, organelle movement and extension growth.

Other Names:

Actin, ACT1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing a fragment of the N-terminal region of Arabidopsis Actin-1 protein, which is 100% identical to the corresponding region of Oryza Actin-1 protein. This antibody was purified by the method of caprylic acid- ammonium sulfate precipitation, and is predicted to recognize the major forms of plant actin proteins.

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, Oryza

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:

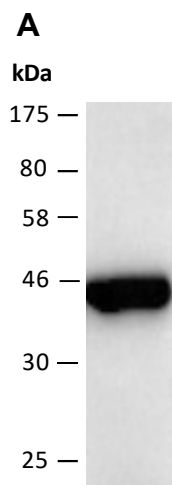


Fig 1. Western blot of total cell extracts from WT arabidopsis, using anti-ACTIN (N) (R3772-1P) at RT for 2 h.