



Order: (888)-282-5810 (Phone)
(818)-707-0392 (Fax)
order@abiocode.com
Web: www.Abiocode.com

ACTIN (C3) Antibody, Rabbit Polyclonal

Cat#: R0280-3

Quantity: 100 ul

Predicted | Observed M.W.: 42 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P60709

Background:

Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. Beta-Actin (ACTB) encodes one of six different actin proteins, which is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins. Actins are ubiquitously expressed in all eukaryotic cells.

Other Names:

Actin, cytoplasmic 1, Beta-actin, ACTB, β -Actin, PS1TP5BP1, beta cytoskeletal actin, PS1TP5-binding protein 1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human ACTB, which shares approximately 90% homology with Arabidopsis ACTIN2, 3, 4, 7, 8, 11, 12. 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:

Human, Arabidopsis

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:

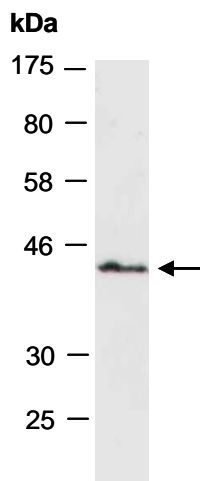


Fig 1. Western blot of total cell extracts from WT Arabidopsis, using anti-ACTIN (C3) (R0280-3) at RT for 2 h.