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AXR1 (N) Antibody, Rabbit Polyclonal

Cat#: R3483-1

Quantity: 100 ul

Predicted | Observed M.W.: 60 | 60, 55 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P42744

Background:

AXR1 encodes a subunit of the RUB1 activating enzyme that regulates the protein degradation activity of Skp1-Cullin-Fbox complexes, primarily, but not exclusively, affecting auxin responses. AXR1 acts alongside AS1 to exclude BP expression from leaves.

Other Names:

NEDD8-activating enzyme E1 regulatory subunit, Auxin-resistance protein AXR1, At1g05180, YUP8H12.21, AUXIN RESISTANT 1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of *arabidopsis thaliana* AXR1 (AT1G05180). 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:

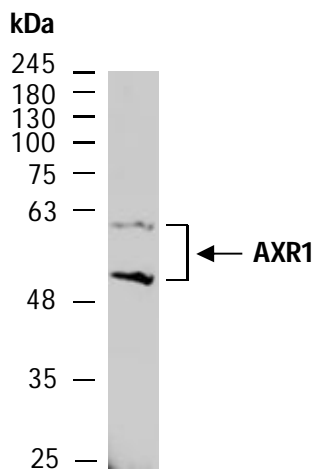


Fig 1. Western blot of protein extracts from *arabidopsis* seeds; using anti-AXR1 (N) (R3483-1) at RT for 2 h. The 55 kD and 60 kD bands may be 2 isoforms of AXR1.