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TMK1/2/3/4 (C1) Antibody, Rabbit Polyclonal

Cat#: R2151-1

Quantity: 100 ul

Predicted | Observed M.W.: 97-102 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: C0LGN6

Background:

TRANSMEMBRANE KINASE (TMK) is a family of receptor-like transmembrane protein kinases. TMK family is composed of 4 members: TMK1, TMK2, TMK3 and TMK4. TMK is involved in protein phosphorylation and signal transduction. TMK proteins have ATP binding and protein serine/threonine kinase activities.

Other Names:

Probable receptor protein kinase TMK, LRR-RLK, Leucine-rich repeat receptor-like protein kinase

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of *arabidopsis thaliana* TMK4 (At3g23750), which is highly conserved among all 4 family members. 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:

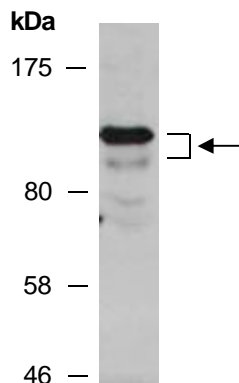


Fig 1. Western blot of total cell extracts from wild type arabidopsis leaves, using anti-TMK1/2/3/4 (C1) (R2151-1) at RT for 2 h.