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## TMK1 (M) Antibody, Rabbit Polyclonal

**Cat#:** R2094-2

**Quantity:** 100 ul

**Predicted | Observed M.W.:** 102 kDa

**Lot#:** Refer to vial

**Application:** WB

**Uniprot ID:** P43298

### **Background:**

TRANSMEMBRANE KINASE 1 (TMK1) is a receptor-like transmembrane protein serine/threonine kinase. TMK1 is involved in protein phosphorylation and signal transduction. TMK1 has ATP binding and protein serine/threonine kinase activity.

### **Other Names:**

Probable receptor protein kinase TMK1, TRANSMEMBRANE KINASE 1

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of *arabidopsis thaliana* TMK1 (At1g66150). Antibodies were purified by affinity purification using immunogen.

### **Species Specificity:**

*Arabidopsis thaliana*

### **Storage Buffer and Condition:**

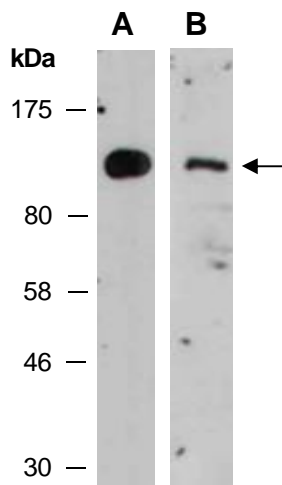
Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **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 2 independent Abs against 2 distinct regions of arabidopsis TMK1 [A: anti-TMK1 (M) (R2094-2); B: anti-TMK1 (C) (R2094-3)] at RT for 2 h.