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## **NPR4 (N) Antibody, Rabbit Polyclonal**

**Cat#: R3443-1**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 65 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q5ICL9**

### **Background:**

NPR4 may act as a substrate-specific adapter of an E3 ubiquitin-protein ligase complex (CUL3-RBX1-BTB) which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. By similarity, NPR4 is involved in the regulation of basal defense responses against pathogens, and may be implicated in the cross-talk between the SA- and JA-dependent signaling pathways.

### **Other Names:**

Regulatory protein NPR4, BTB/POZ domain-containing protein NPR4, At4g19660, T16H5.20

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of *arabidopsis thaliana* NPR4 (AT4G19660). 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% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **Species Specificity:**

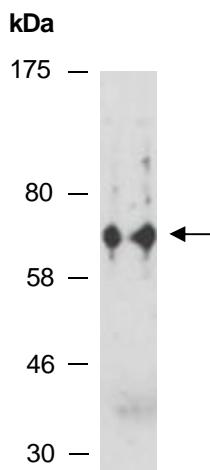
*Arabidopsis thaliana*

### **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 analysis of total protein extracts from wild type arabidopsis leaves, using anti-NPR4 (N) (R3443-1) at RT for 2 h.