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## MAX2 (C) Antibody, Rabbit Polyclonal

**Cat#:** R3557-1

**Quantity:** 100 ul

**Predicted | Observed M.W.:** 77 kDa

**Lot#:** Refer to vial

**Application:** WB

**Uniprot ID:** Q9SIM9

### **Background:**

F-box protein MAX2 is a component of SCF(ASK-cullin-F-box) E3 ubiquitin ligase complexes, which may mediate the ubiquitination and subsequent proteasomal degradation of target proteins. MAX2 promotes the senescence. MAX2 is necessary for responses to strigolactones and karrikins. MAX2 also contributes to the selective repression of axillary shoots and moderates the branching by regulating negatively the auxin transport in primary stems, in an AXR1-independent manner. Furthermore, MAX2 is required for the progression of leaf senescence mediated by methyl jasmonate.

### **Other Names:**

F-box protein MAX2, ATMAX2, MAX2, MORE AXILLARY BRANCHES 2, ORE9, ORESARA 9, PLEIOTROPIC PHOTOSIGNALING, PPS, F-box/LRR-repeat protein 7, Protein KARRIKIN INSENSITIVE 1, Protein MORE AXILLARY BRANCHING 2, Protein ORESARA 9, KAI1, FBL7

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of *arabidopsis thaliana* MAX2 (At2g42620). 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:**

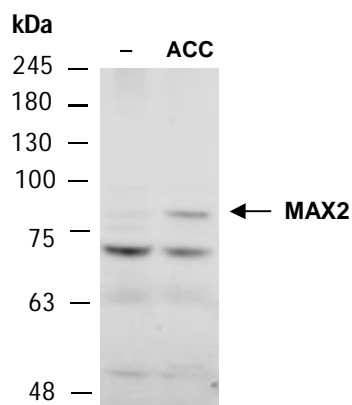
Arabidopsis thaliana

### **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 of protein extracts from WT *arabidopsis* grown in the absence (-) or presence of 0.1 mM ACC (the ethylene precursor; 1-aminocyclopropane-1-carboxylic acid) for 20 h, using anti-MAX2 (C) (R3557-1) at RT for 2 h. EIN3 (Ethylene Insensitive 3) has been shown to directly bind to the promoter of the MAX2 gene (Zhang et al., *J. Exp. Botany*, 2016, 67:83-94).