



Order: (888)-282-5810 (Phone)  
(818)-707-0392 (Fax)  
[order@abiocode.com](mailto:order@abiocode.com)  
Web: [www.Abiocode.com](http://www.Abiocode.com)

---

## **APETALA2 (N1) Antibody, Rabbit Polyclonal**

**Cat#: R3150-1**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 48 | 60 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: P47927**

### **Background:**

Floral homeotic protein APETALA 2 (AP2) is a probable transcriptional activator that promotes early floral meristem identity. APETALA2 is required subsequently for the transition of an inflorescence meristem into a floral meristem. APETALA2 plays a central role in the specification of floral identity, particularly for the normal development of sepals and petals in the wild-type flower. APETALA2 acts as the A class cadastral protein by repressing the C class floral homeotic gene AGAMOUS in association with other repressors like LEUNIG and SEUSS. It is also required during seed development.

### **Other Names:**

Floral homeotic protein APETALA 2, ATAP2

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of *arabidopsis thaliana* APETALA2 (At4g36920). 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:**

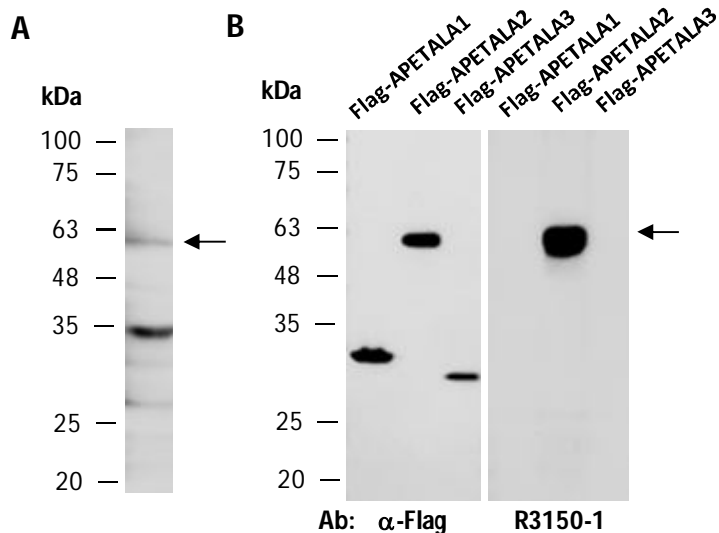
Arabidopsis thaliana

### **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. A)** Western blot analysis of protein extracts from wild type arabidopsis leaves, using anti-APETALA2 (N1) (R3150-1) at RT for 2 h. **B)** Western blot of protein extract from human 293T cells transfected with Flag-tagged APETALA1 (AT1G69120), APETALA2 (AT4G36920) or APETALA3 (AT3G54340); using the indicated Abs at RT for 2 h.