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## AGO3 (C) Antibody, Rabbit Polyclonal

**Cat#:** R3353-2

**Quantity:** 100 ul

**Predicted | Observed M.W.:** 129 kDa

**Lot#:** Refer to vial

**Application:** WB

**Uniprot ID:** Q9SHF2

### **Background:**

Protein Argonaute 3 (AGO3) is involved in RNA-mediated post-transcriptional gene silencing (PTGS). AGO3 is the main component of the RNA-induced silencing complex (RISC) that binds to a short guide RNA such as a microRNA (miRNA) or small interfering RNA (siRNA). RISC uses the mature miRNA or siRNA as a guide for slicer-directed cleavage of homologous mRNAs to repress gene expression.

### **Other Names:**

Protein Argonaute 3

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of *arabidopsis thaliana* AGO3 (At1g31290). 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:**

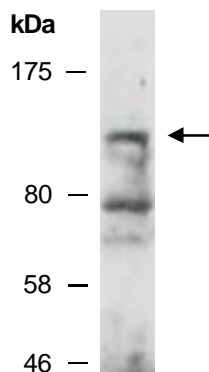
*Arabidopsis thaliana*

### **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-AGO3 (C) (R3353-2) at RT for 2 h.