



Rabbit Anti-Arabidopsis thaliana AGO9 Polyclonal Antibody (CABT-Z585R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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|---------------------------|---|
| Immunogen | KLH-conjugated synthetic peptide of AGO9 derived from Arabidopsis thaliana AT5G21150. |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Arabidopsis thaliana |
| Purification | Immunogen affinity purified |
| Conjugate | Unconjugated |
| Applications | WB Recommended dilution: WB: 1:1000-1:2000 |
| Molecular Weight | 101 kDa |
| Reconstitution | Reconstitution with 150 µl of sterile water. |
| Format | Lyophilized |
| Size | 150 µg |
| Preservative | None |
| Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 6 months, -20 to -70 °C under sterile conditions after reconstitution. 1 month, 2 to 8 °C under sterile conditions after reconstitution. |
| Ship | Wet ice |

BACKGROUND

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| Introduction | AGO9 belongs to the Argonaute (AGO) proteins. AGO9-dependent sRNA silencing is crucial to specify cell fate in the Arabidopsis ovule. It is expressed in reproductive companion cells but not in the associated male or female gametes or their precursors. Therefore, AGO9 acts non-cell autonomously to silencing the activity of TEs activity in the female gametophyte. |
| Keywords | AGO9;Protein argonaute 9 |

GENE INFORMATION

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| Gene Name | AGO9 |
| Entrez Gene ID | 832241 |
| UniProt ID | Q84VQ0 |