

Anti-Argonaute 9 antibody

Catalog: PHY1341A

Product Information

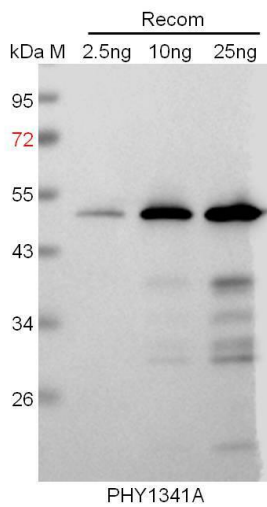
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| Description: | Rabbit polyclonal antibody |
| Background: | AGO9 belongs to the Argonaute (AGO) proteins. AGO9-dependent sRNA silencing is crucial to specify cell fate in the Arabidopsis ovule. It is expressed in reproductive companion cells but 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. |
| Synonyms: | AGO9, ARGONAUTE 9 |
| Immunogen: | KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> AGO9 (AT5G21150). |
| Form: | Lyophilized |
| Quantity: | 150 µg |
| Purification: | Immunogen affinity purified |
| Reconstitution: | Reconstitution with 150 µl of sterile 1×PBS (PH=7.4). "Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube". |
| Stability & 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. |
| Shipping: | The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above. |

Application Information

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| Recommended Dilution: | Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user. |
| Expected / apparent MW: | 101 kDa |
| Predicted Reactivity: | For more species homologues information, please contact tech support at tech@phytoab.com . |

Research Use Only

Application Example



Recom: 2.5 ng, 10 ng and 25 ng recombinant protein containing the peptide for immunization and having a molecular mass of 48 kDa.

Electrophoresis: 12% SDS-PAGE

Transfer: blotting to NC (nitrocellulose) membrane for 1 h.

Blocking: 5% skim milk at RT or 4°C for 1 h.

Primary antibody: 1:1000 dilution overnight at 4°C.

Secondary antibody: 1:10000 dilution using Goat Anti-Rabbit IgG H&L (HRP) (Cat# PHY6000).

Detection: using chemiluminescence substrate and image were captured with CCD camera.