

Anti-Protein argonaute 4 antibody

Catalog: PHY1336S

Product Information

Description:	Rabbit polyclonal antibody
Background:	AGO4 is a member of a class of PAZ/PIWI domain containing proteins involved in siRNA mediated gene silencing. Loss of function mutations have reduced site specific CpNpG and CpHpH methylation, abnormal ovule/megagametophyte development and increased susceptibility to bacterial pathogens including Tobacco rattle virus.
Synonyms:	AGO4, ARGONAUTE 4, OCP11, OVEREXPRESSOR OF CATIONIC PEROXIDASE 11
Immunogen:	KLH-conjugated synthetic peptide (17 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> AGO4 (AT2G27040).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150µl of sterile water. "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 &	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Storage:	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

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	103 kDa

Research Use Only

Confirmed Reactivity:

Coming soon

Predicted Reactivity:

For more species homologues information, please contact tech support at tech@phytoab.com.