

Anti-Protein argonaute 10, N-terminal antibody

Catalog: PHY2710S

Product Information

Description:	Rabbit polyclonal antibody
Background:	AGO10 is Argonaute10, a member of the EIF2C (elongation initiation factor 2c)/Argonaute class of proteins. It is required to establish the central-peripheral organization of the embryo apex. Acts in embryonic provascular tissue potentiating WUSCHEL function during meristem development in the embryo. AGO10 specifically sequesters miR166/165 to regulate shoot apical meristem development.
Synonyms:	AGO10, ARGONAUTE 10, PINHEAD, PNH, ZLL, ZWILLE
Immunogen:	KLH-conjugated synthetic peptide (20 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> AGO10 (AT5G43810).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150 µl 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:	111 kDa

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologous with the sequence in *Brassica napus*.

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