

# Anti-Protein argonaute 10 antibody

Catalog: PHY2711A

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	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.
<b>Synonyms:</b>	AGO10, ARGONAUTE 10, PINHEAD, PNH, ZLL, ZWILLE
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (15 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> AGO10 (AT5G43810).
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Immunogen affinity purified
<b>Reconstitution:</b>	Reconstitution with 150 µl of sterile 1XPBS (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".
<b>Stability &amp; Storage:</b>	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.
<b>Shipping:</b>	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

## Application Information

<b>Recommended Dilution:</b>	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
<b>Expected / apparent MW:</b>	111 kDa
<b>Predicted Reactivity:</b>	Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in <i>Brassica</i>

Research Use Only

*napus, Brassica rapa, Gossypium raimondii, Nicotiana tabacum, Solanum tuberosum, Solanum lycopersicum, Vitis vinifera.*

For more species homologues information, please contact tech support at [tech@phytoab.com](mailto:tech@phytoab.com).