

# Anti-ABC transporter G family member 25 antibody

Catalog: PHY1450S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	The phytohormone abscisic acid (ABA) plays pivotal roles in various aspects of plant growth and development, including embryo and seed maturation, postgerminative growth, and stress responses to environmental changes. AtABCG25 is responsible for ABA transport and responses in Arabidopsis.
<b>Synonyms:</b>	ABCG25, ARABIDOPSIS THALIANA ATP-BINDING CASSETTE G25, ATABCG25, ATP-BINDING CASSETTE G25
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (14 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> ABCG25 (AT1G71960).
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Serum
	Peptide affinity form antibody available upon request at <a href="mailto:info@phytoab.com">info@phytoab.com</a> .
<b>Reconstitution:</b>	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".
<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>	73 kDa
<b>Confirmed Reactivity:</b>	<i>Arabidopsis thaliana</i>

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*, *Brassica rapa*.

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