

# Anti-Leucine-rich repeat receptor-like serine/threonine-protein kinase BAM1/2 antibody

Catalog: PHY0938A

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	BAM1/2 is a CLAVATA1-related receptor kinase-like protein required for both shoot and flower meristem function. It has a broad expression pattern and is involved in vascular strand development in the leaf, control of leaf shape, size and symmetry, male gametophyte development and ovule specification and function.
<b>Synonyms:</b>	BAM1/2, BARELY ANY MERISTEM 1/2
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (23 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> AT3G49670 (BAM1) and AT5G65700 (BAM2).
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Immunogen affinity purified
<b>Reconstitution:</b>	Reconstitution with 150 µl of 0.01 M sterile PBS. "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>	109 kDa
<b>Confirmed Reactivity:</b>	Coming soon

Research Use Only

**Predicted Reactivity:**

Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in *Brassica rapa*, *Brassica napus*, *Solanum tuberosum*, *Solanum lycopersicum*, *Setaria viridis*, *Glycine max*, *Triticum aestivum*, *Hordeum vulgare*, *Panicum virgatum*, *Sorghum bicolor*, *Zea mays*, *Gossypium raimondii*.

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