

Anti-GmBRM antibody

Catalog: PHY6696A

Product Information

Description:	Rabbit polyclonal antibody
Background:	ATP-dependent helicase BRM is a nuclear-localized SWI/SNF chromatin remodeling ATPase. As the core catalytic subunit of the BAS complex, it uses ATP hydrolysis to alter nucleosome positioning, thereby regulating gene transcription involved in development and stress responses.
Synonyms:	BRM, ATP-dependent helicase BRM, BRAHMA
Immunogen:	KLH-conjugated synthetic peptide (18 aa from C-terminal section) derived from <i>Glycine max</i> GmBRM (Glyma.16g035100; Glyma.07G069400; Glyma.09G257900; Glyma.18G234700).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of sterile 1XPBS (PH=7.4) containing 30% glycerol. "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 & Storage:	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.
Shipping:	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

Application Information

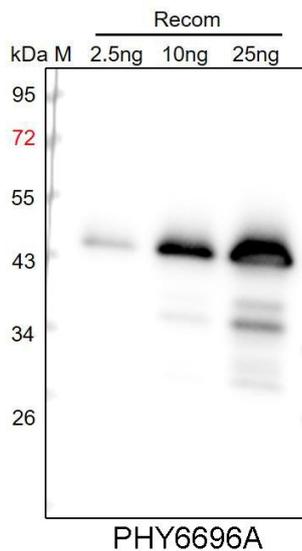
Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	247 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica</i>

Research Use Only

napus, *Medicago truncatula*, *Arabidopsis thaliana*, *Brassica rapa*, and 94% homologues with the sequence in *Populus trichocarpa*, *Cucumis sativus*.

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

Application Example



Recom: 2.5 ng, 10 ng and 25 ng recombinant protein containing the peptide for immunization and having a molecular mass of 45 kDa.

Electrophoresis: 12% SDS-PAGE

Transfer: blotting to NC (nitrocellulose) membrane for 1 h.

Blocking: 5% skim milk at RT or 4°C for 1 h.

Primary antibody: 1:1000 dilution overnight at 4°C.

Secondary antibody: 1:10000 dilution using Goat Anti-Rabbit IgG H&L (HRP) (Cat# PHY6000).

Detection: using chemiluminescence substrate and image were captured with CCD camera.