Anti-GrH2A antibody

Catalog: PHY6739S

Product Information

Description:	Rabbit polyclonal antibody
Background:	GrH2A is a core histone H2A in *Gossypium raimondii*, serving as a fundamental component of the nucleosome. It compacts DNA into chromatin and is essential for DNA replication, repair, and transcriptional regulation. GrH2A localizes to the nucleus and participates in maintaining chromosomal stability.
Synonyms:	GrH2A, A0A7J9KU57, A0A7J9IL77, A0A0D2R178, A0A8J5Z8W5
Immunogen:	KLH-conjugated synthetic peptide (15 aa from central section) derived from *Gossypium raimondii* GrH2A (Gorai.002G056500,A0A7J9KU57, A0A7J9IL77, A0A0D2R178, A0A8J5Z8W5).
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 & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70℃ as supplied. 6 months, -20 to -70℃ under sterile conditions after reconstitution. 1 month, 2 to 8℃ under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4℃. 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:	14 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used

for immunization is 100% homologues with the sequence in *Brassica napus, Brassica rapa, Solanum tuberosum, Zea mays, Vitis vinifera, Glycine max, Cucumis sativus, Physcomitrium patens, Chlamydomonas reinhardtii, Nicotiana tabacum, Panicum virgatum, Triticum aestivum, Solanum lycopersicum, Populus trichocarpa, Oryza sativa, Setaria viridis, Arabidopsis thaliana, Medicago truncatula, Spinacia oleracea, Hordeum vulgare, Sorghum bicolor.*

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