Anti-OsH2A antibody

Catalog: PHY4730S

Product Information

Description:	Rabbit polyclonal antibody
Background:	OsH2A is a core histone H2A in rice, serving as a fundamental component of the nucleosome. It compacts DNA into chromatin and is essential for DNA replication, repair, and transcriptional regulation. OsH2A localizes to the nucleus and participates in maintaining chromosomal stability.
Synonyms:	OsH2A
Immunogen:	KLH-conjugated synthetic peptide (14 aa from N terminal section) derived from *Orvza sativa* OsH2A (Os07g0545300, Os08g0427700, Os12g0438000).
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, Vitis vinifera, Populus trichocarpa, Triticum aestivum, Panicum virgatum, Zea mays, Setaria viridis, Cucumis sativus, Glycine max, Hordeum vulgare, Gossypium raimondii, Nicotiana tabacum, Medicago truncatula, Solanum lycopersicum, Spinacia oleracea, Arabidopsis thaliana.

The sequence of the synthetic peptide used for immunization is 93% homologues with the sequence in Os07g0545400.

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