

Anti-Histone H3-like centromeric protein CENH3, C-terminal antibody

Catalog: PHY4494A

Product Information

Description:	Rabbit polyclonal antibody
Background:	Os05g0489800
Synonyms:	CENH3
Immunogen:	KLH-conjugated synthetic peptide (16 aa from C terminal section) derived from <i>Oryza sativa</i> CENH3 (Os05g0489800).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	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".
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:	19 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Panicum virgatum</i> , <i>Oryza minuta</i> (ACX30891/ACX30892), <i>Oryza punctata</i> (ACX30894), <i>Oryza alta</i> (ACX30890), <i>Oryza nivara</i> (UVT38808), <i>Oryza barthii</i> (UVT38807), <i>Oryza longistaminata</i> (UVT38806), <i>Oryza</i>

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glaberrima (ULM71714/ULM71715/ULM71716), and 80-99% homologues with the sequence in *Zea mays*, *Chlamydomonas reinhardtii*, *Solanum tuberosum*, *Solanum lycopersicum*, *Triticum aestivum*, *Hordeum vulgare*, *Sorghum bicolor*, *Setaria viridis*, *Physcomitrium patens*, *Glycine max*, *Brassica napus*, *Brassica rapa*, *Gossypium raimondii*, *Vitis vinifera*, *Cucumis sativus*, *Arabidopsis thaliana*, *Medicago truncatula*.

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