

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

Catalog: PHY4493A

Product Information

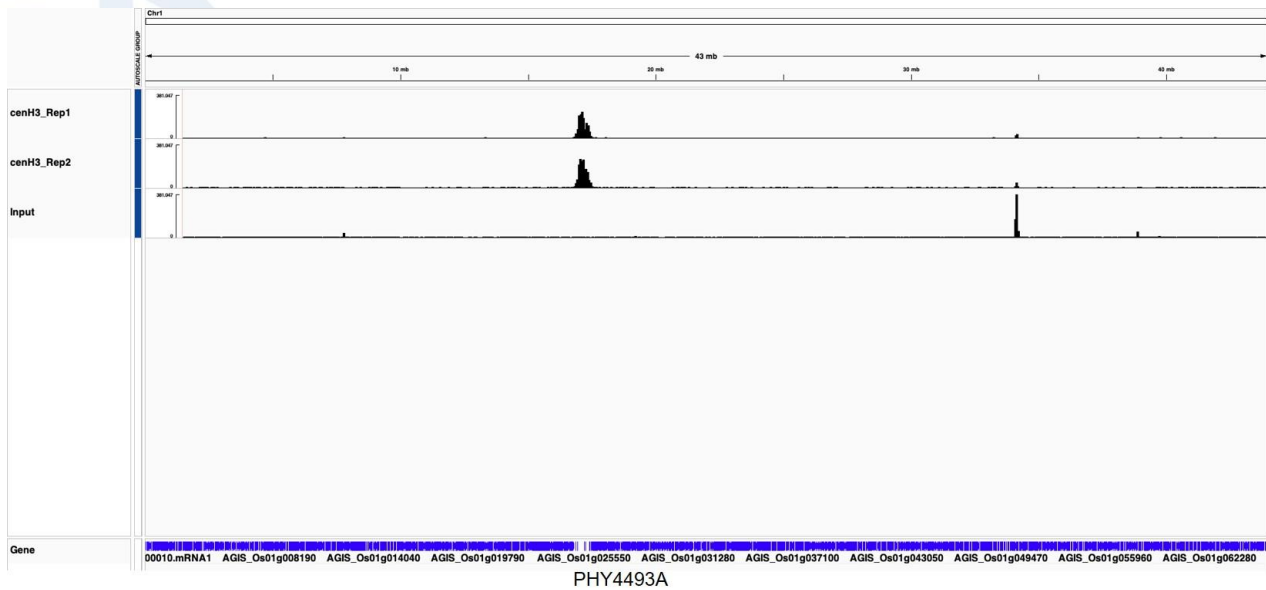
Description:	Rabbit polyclonal antibody
Background:	Os05g0489800
Synonyms:	CENH3
Immunogen:	KLH-conjugated synthetic peptide (16 aa from N terminal section) derived from <i>Oryza sativa</i> CENH3 (Os05g0489800).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	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), ChIP-Seq 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 80-99% homologues with the sequence in <i>Hordeum vulgare</i> , <i>Panicum virgatum</i> , <i>Triticum aestivum</i> . For more species homologues information, please contact tech support at tech@phytoab.com .

Research Use Only

Application Example



Anti-CENH3 Antibody tested by Chip-seq. Chromatin was prepared from *Oryza sativa*. 1.5 g of the rice seedlings were fixed in 1% formaldehyde for 15 minutes, followed by the addition of 100 mmol/L glycine to terminate the fixation reaction. The supernatant was incubated with 7 μ l of a CENH3 antibody. Immunocomplexes were captured for two hours at 4 °C.