

Anti-CENH3 antibody

Catalog: PHY6727S

Product Information

Description:	Rabbit polyclonal antibody
Background:	CENH3 is a centromere-specific histone H3 variant that replaces canonical H3 within centromeric nucleosomes. Localized to centromeres, it acts as the epigenetic mark defining functional centromere identity. It provides the foundation for kinetochore assembly, enabling spindle microtubule attachment and accurate chromosome segregation.
Synonyms:	CENH3, HTR12, A0A3L6T355
Immunogen:	KLH-conjugated synthetic peptide (16 aa from N terminal section) derived from <i>Panicum miliaceum</i> CENH3 (RLN30325).
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°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:	20 kDa
Predicted Reactivity:	The sequence of the synthetic peptide used for immunization is 94%

Research Use Only

homologues with the sequence in *Panicum miliaceum* (RLN00531.1), *Setaria italica* (XP_004961682.1), *Panicum virgatum* (KAG2618481.1, XP_039800466.1).

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