Anti-Histone H3-like centromeric protein CENH3 antibody

Catalog: PHY6707S

Product Information

Description:	Rabbit polyclonal antibody
Background:	CENH3, a centromere-specific histone H3 variant, is the epigenetic marker defining the functional centromere location on each chromosome. It replaces canonical H3 within centromeric nucleosomes. CENH3 provides the essential foundation for assembling the kinetochore, the large protein complex that forms during cell division. The kinetochore attached to CENH3 nucleosomes serves as the direct attachment site for spindle microtubules, enabling accurate chromosome segregation to daughter cells.
Synonyms:	CENH3
Immunogen:	KLH-conjugated synthetic peptide (15 aa from N terminal section) derived from *Malus sylvestris* CENH3 (MD07G1147400; XP_050153787).
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: 16 kDa

Predicted Reactivity: Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Malus domestica* (XP_008376113/XP_008376114), *Pyrus x bretschneideri* (XP_048420839/XP_048420840) and 93% homologues with the sequence in *Pyrus communis.*

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