Anti-Histone H3-like centromeric protein A antibody

Catalog: NAG1007-001A
Quantity: 200 μL

Immunogen Information:

Background

CENPA, 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.

Immunogen

KLH-conjugated synthetic peptide (15 aa from N terminal section) derived from *Sus scrofa* CENPA (Uniprot: A0A4X1TU15 NCBI: XP_013851722/XP_013851723). We also have antibodies for different epitopes from the Capsid protein. Please request at info@nanodiaincs.com or https://www.nanodiaincs.com.

Basic Information:

Purification: Immunogen affinity purified
Peptide affinity form antibody available upon request at info@nanodiaincs.com.
Clonality: Polyclonal **Expected MW:** 15 kDa **Host:** Rabbit

Product Information:

Form: Lyophilized

Reconstitution

Reconstitution with 200 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.

Applications Information:

Recommended Dilution: WB (1:1000-1:2000)
Predicted Reactivity: For more species homologues information, please contact tech support at info@nanodiaincs.com.