

Datasheet for ABIN630177
anti-HIST2H2AA3 antibody (Middle Region)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	HIST2H2AA3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST2H2AA3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	HIST2 H2 A3 antibody was raised using the middle region of HIST2 2 A3 corresponding to a region with amino acids PRHLQLAIRNDEELNKLLGKVITIAQGGVLPNIQAVLLPKKTESHKAKGK
Specificity:	HIST2 H2 A3 antibody was raised against the middle region of HIST2 2 A3
Purification:	Purified

Target Details

Target:	HIST2H2AA3
Alternative Name:	HIST2H2AA3 (HIST2H2AA3 Products)
Background:	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in

Target Details

repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. HIST2H2AA3 is a member of the histone H2A family.

Molecular Weight: 14 kDa (MW of target protein)

Pathways: [Telomere Maintenance](#)

Application Details

Application Notes: WB: 2.5 µg/mL
Optimal conditions should be determined by the investigator.

Comment: HIST2H2AA3 Blocking Peptide, catalog no. 33R-7325, is also available for use as a blocking control in assays to test for specificity of this HIST2H2AA3 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of HIST0 0 A3 antibody in PBS

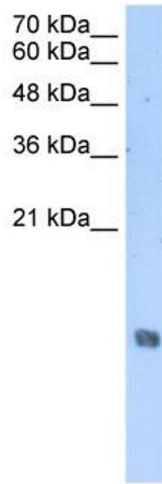
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. HIST2H2AA3 antibody used at 2.5 ug/ml to detect target protein.