

Datasheet for ABIN630685 **anti-Histone H1 antibody (N-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	Histone H1 (H1F0)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Histone H1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	H1 F0 antibody was raised using the N terminal of H1 0 corresponding to a region with amino acids IQAEKNRAGSSRQSIQKYIKSHYKVGENADSQIKLSIKRLVTTGVLKQTK
Specificity:	H1 F0 antibody was raised against the N terminal of H1 0
Purification:	Affinity purified

Target Details

Target:	Histone H1 (H1F0)
Alternative Name:	H1F0 (H1F0 Products)
Background:	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A,

Target Details

H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. H1F0 gene is intronless and encodes a member of the histone H1 family.

Molecular Weight: 21 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: H1F0 Blocking Peptide, catalog no. 33R-4106, is also available for use as a blocking control in assays to test for specificity of this H1F0 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of H0 0 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. H1F0 antibody used at 1 ug/ml to detect target protein.