

Datasheet for ABIN2668339

anti-Histone H2B antibody (acLys16)**3** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	Histone H2B
Binding Specificity:	acLys16
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Histone H2B antibody is un-conjugated
Application:	Western Blotting (WB), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	This antibody was raised against a peptide including acetyllysine 16 of human histone H2B.
Purification:	None

Target Details

Target:	Histone H2B
Abstract:	Histone H2B Products
Molecular Weight:	15 kDa
Gene ID:	8348

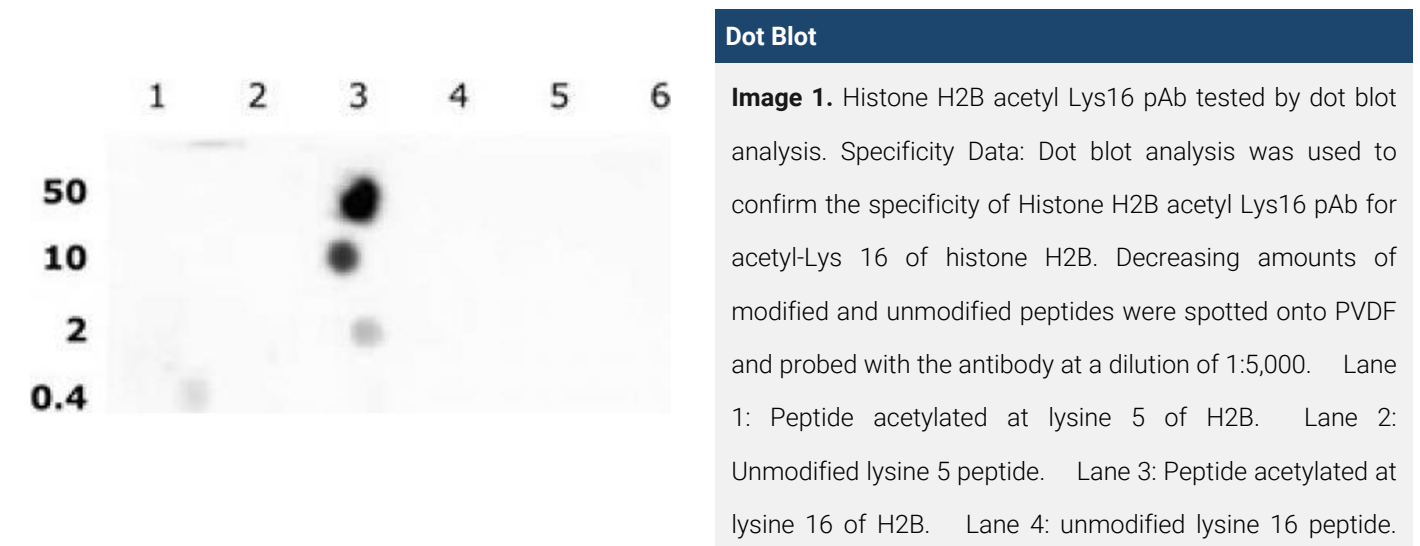
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Rabbit serum containing 30 % glycerol and 0.035 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles and keep on ice when not in storage.
Storage:	-20 °C
Storage Comment:	Antibodies in solution can be stored at -20 °C for 2 years.
Expiry Date:	6 months

Publications

Product cited in:	Gatta, Mantovani: "Single nucleosome ChIPs identify an extensive switch of acetyl marks on cell cycle promoters." in: Cell cycle (Georgetown, Tex.) , Vol. 9, Issue 11, pp. 2149-59, (2011) (PubMed).
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Images



Lane 5: Peptide acetylated at lysine 120 of H2B. Lane 6: Unmodified lysine 120 peptide.

Chromatin Immunoprecipitation

Image 2. Histone H2B acetyl Lys16 pAb tested by ChIP analysis. ChIP performed on HeLa cell chromatin using 39121. PCR was performed using primers specific for the promoter region of the human GAPDH gene. Lane 1: negative IgG control. Lane 2: ChIP using 10 µl of 39121. Lane 3: Input DNA control.

Western Blotting

Image 3. Histone H2B acetyl Lys16 pAb tested by Western blot. HeLa acid extract (5 µg per lane) was probed with Histone H2B acetyl Lys16 polyclonal antibody (1:20,000 dilution). Lane 1: No treatment. Lane 2: Cells treated with sodium butyrate.

