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Rabbit Anti-Histone H2B (Acetyl K116)antibody

SL60044R

Product Name	Histone H2B (Acetyl K116)
Chinese Name	乙酰化化组蛋白 H2B (Lys116)抗体
Alias	H2BK116ac; Histone H2B (Acetyl Lys116); Acetyl Histone H2B (K116); acetyl-Histone H2B (H2B/HIST1H2BD; H2B.1; H2B.1 B; H2B.b; H2B.c; H2B.d; H2B.e; H2B.f; H2B.j; H2B.q; H2E H2BFF; H2BFJ; H2BFO; H2BFQ; H2BFS; HIRIP2; HIST1H2BB; HIST1H2BD; HIST1H2BH HIST1H2BN; HIST2H2BE; Histone H2B; Histone H2B type 1 B; Histone H2B type 1 D; Histon 1 L; Histone H2B type 1 M; Histone H2B type 1 N; Histone H2B type 2 E; Histone protein; H2I member O; H2B histone family member S; histone H2B type 1-B; H2B1B_HUMAN.
Product Type	Acetylated anti
Research Area	Epigenetics
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human(predicted:Mouse,Rat)
Applications	WB=1:500-2000,ChIP=4 ug/5x106 cells not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	14kDa
Cellular localization	The nucleus
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human Histone H2B (Acetyl K116)
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

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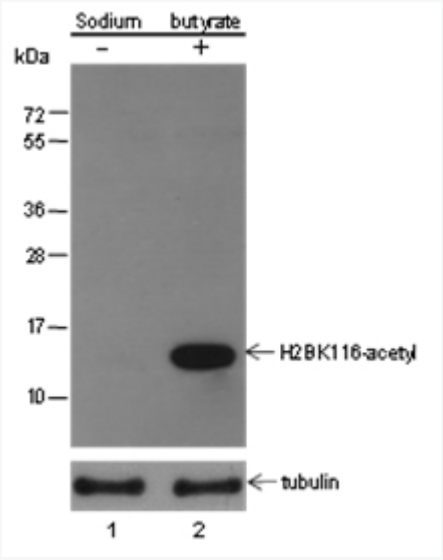
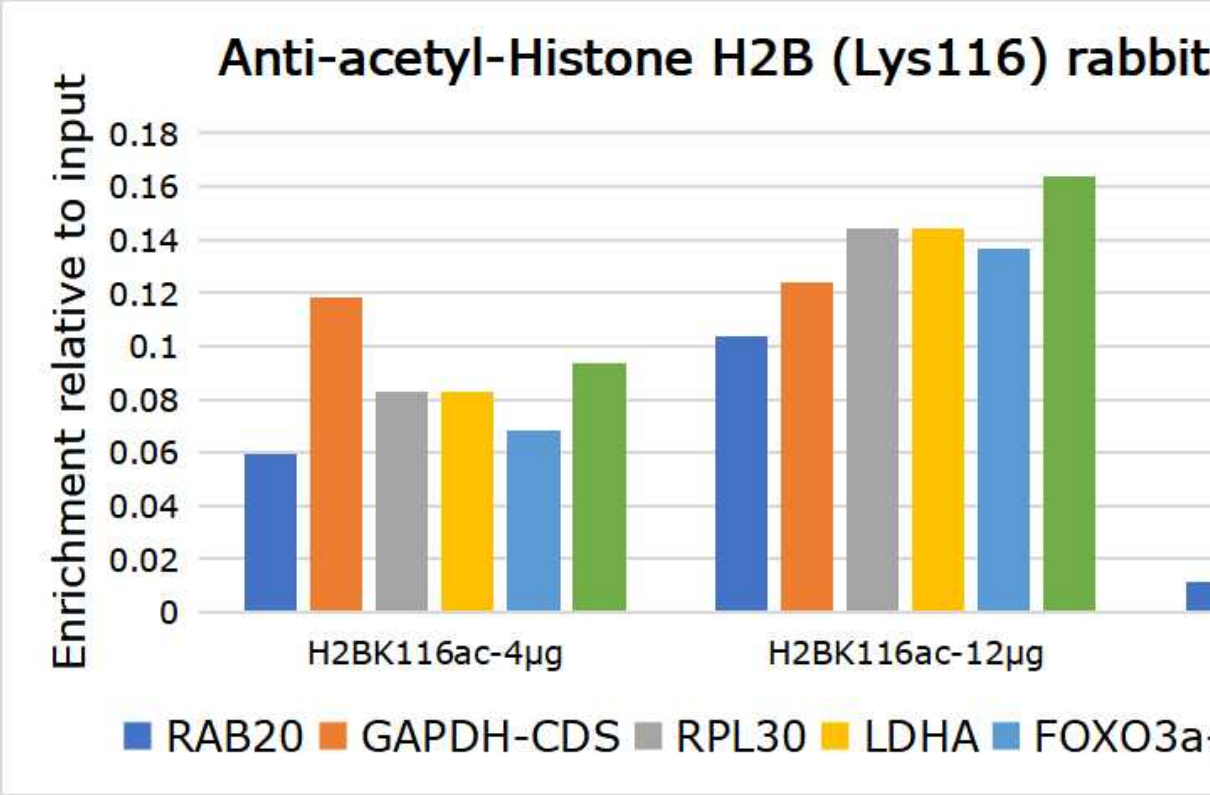
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or d
PubMed	PubMed
Product Detail	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chron Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer compo histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interact DNA between the nucleosomes to form higher order chromatin structures. This gene is intronles histone H2B family. Transcripts from this gene lack polyA tails; instead, they contain a palindro is found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Jul **SWISS:** P33778 **Gene ID:** 3018
Product Picture	 Blocking buffer: 5% NFDM/TBST Primary ab dilution: 1:2000 Primary ab incubation condition: 2 hours at room temperature Secondary ab: Goat Anti-Rabbit IgG H&L (HRP) Lysate: (-) HeLa, (+) HeLa+Sodium butyrate (30mM, 4hr) Protein loading quantity: 20 µg

Exposure time: 60 s

Predicted MW: 14 kDa

Observed MW: 14 kDa



Cell type: HeLa+SBA (5mM, 24h)

Cross-linking conditions: No cross-linking

Amount of chromatin per IP: 5×106 cells

Amount of ab per IP: 4ug, 12ug

Beads type and amount per IP: 50 µl of Protein A/G MagBeads

Comment: The ChIP was performed with 1 µg of normal rabbit IgG as a negative control. Rea

performed on immunoprecipitated DNA using primers specific for the human RAB20, GAPD FOXO3a-promoter and FOXO3a-downstream. Data are presented as enrichment of each samp chromatin at each amplicon.