

Anti-Histone H2B (Acetyl-K5) Antibody

| Catalog # | Source | Reactivity | Applications |
|--------------------------|--|------------|--------------|
| CPA9330 | Rabbit | H, M, R | WB |
| Description | Rabbit polyclonal antibody to Histone H2B (Acetyl-K5) | | |
| Immunogen | KLH-conjugated synthetic acetylated peptide corresponding to residues surrounding K5 of human Histone H2B protein. The exact sequence is proprietary. | | |
| Purification | The antibody was purified by immunogen affinity chromatography. | | |
| Specificity | Recognizes endogenous levels of Histone H2B protein only when acetylated at K5. | | |
| Clonality | Polyclonal | | |
| Conjugation | | | |
| Form | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. | | |
| Dilution | WB (1/1000 - 1/2000) | | |
| Gene Symbol | HIST1H2BC | | |
| Alternative Names | HIST1H2BA; TSH2B; Histone H2B type 1-A; Histone H2B testis; Testis-specific histone H2B; HIST1H2BB; H2BFF; Histone H2B type 1-B; Histone H2B.1; Histone H2B.f; H2B/f; HIST1H2BC; H2BFL; HIST1H2BE; H2BFH; HIST1H2BF; H2BFG; HIST1H2BG; H2BFA; HIST1H2BI; H2BFBK; | | |
| Entrez Gene | 255626, 3018, 3017, 8339, 8343, 8344, 8346, 8347 (Human); 319177, 319178, 319179 (Mouse); 24829 (Rat) | | |
| SwissProt | Q96A08, P33778, P62807 (Human); P70696, Q64475, Q6ZWY9 (Mouse); Q00729 (Rat) | | |
| Storage/Stability | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles. | | |

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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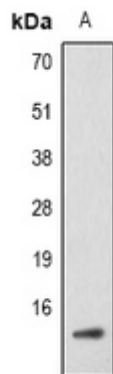
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Product Data Sheet



Western blot analysis of Histone H2B (Acetyl-K5) expression in HeLa (A) whole cell lysates. (Predicted band size: 14 kD; Observed band size: 15 kD)

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