

## Anti-Histone H2B (Butyryl-K15) Antibody

Catalog #	Source	Reactivity	Applications
CPA6304	Rabbit	H, M, R, B	WB
<b>Description</b>	Rabbit polyclonal antibody to Histone H2B (Butyryl-K15)		
<b>Immunogen</b>	KLH-conjugated synthetic butylated peptide corresponding to residues surrounding K15 of human Histone H2B protein. The exact sequence is proprietary.		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of Histone H2B protein only when butylated at K15.		
<b>Clonality</b>	Polyclonal		
<b>Conjugation</b>			
<b>Form</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
<b>Dilution</b>	WB (1/500 - 1/1000)		
<b>Gene Symbol</b>	HIST1H2BC		
<b>Alternative Names</b>	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; H2BFK;		
<b>Entrez Gene</b>	255626, 3018, 3017, 8339, 8343, 8344, 8346, 8347 (Human); 319177, 319178, 319179 (Mouse); 24829 (Rat)		
<b>SwissProt</b>	P33778, P62807 (Human); P70696, Q64475, Q6ZWY9 (Mouse); Q00729 (Rat)		
<b>Storage/Stability</b>	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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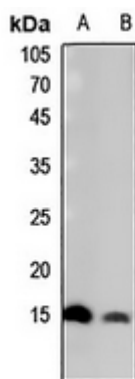
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## Product Data Sheet



Western blot analysis of Histone H2B (Butyryl-K15) expression in HEK293T (A), A549 (B) whole cell lysates. (Predicted band size: 13 kD; Observed band size: 14 kD)

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