

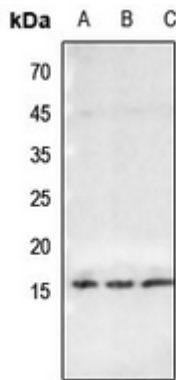
Anti-Histone H2B (Butyryl-K23) Antibody

Catalog #	Source	Reactivity	Applications
CPA6306	Rabbit	H, M, R, B	WB
Description	Rabbit polyclonal antibody to Histone H2B (Butyryl-K23)		
Immunogen	KLH-conjugated synthetic butylated peptide corresponding to residues surrounding K23 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 butylated at K23.		
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 (1/500 - 1/1000)		
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; H2BFK; Histone H2B type 1-C/E/F/G/I; Histone H2B.1 A; Histone H2B.a; H2B/a; Histone H2B.g; H2B/g; Histone H2B.h; H2B/h; Histone H2B.k; H2B/k; Histone H2B.l; H2B/l		
Entrez Gene	255626, 3018, 3017, 8339, 8343, 8344, 8346, 8347 (Human); 319177, 319178, 319179 (Mouse); 24829 (Rat)		
SwissProt	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		
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		

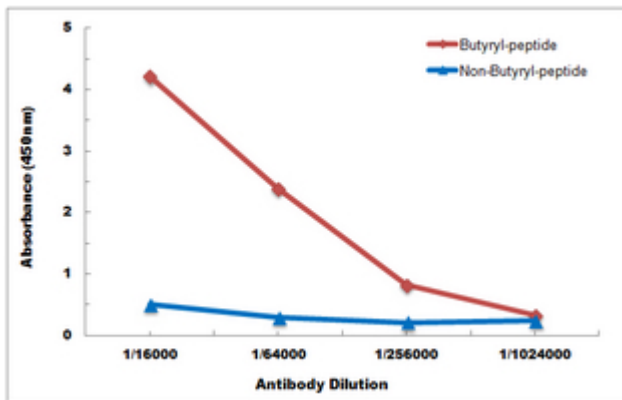
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Product Data Sheet

freeze/thaw cycles.



Western blot analysis of Histone H2B (Butyryl-K23) expression in HEK293T (A), U2OS (B), DLD (C) whole cell lysates. (Predicted band size: 13 kD; Observed band size: 14 kD)



Direct ELISA antibody dose-response curve using Anti-Histone H2B (Butyryl-K23) Antibody. Antigen (butyryl-peptide and non-butyryl-peptide) concentration is 5 ug/ml. Goat Anti-Rabbit IgG (H&L) - HRP was used as the secondary antibody, and signal was developed by TMB substrate.

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