

Product Data Sheet

Anti-Histone H2B Antibody

Catalog #	Source	Reactivity	Applications
CPA7409	Rabbit	H, M, B, Mk	WB
Description	Rabbit polyclonal antibody to Histone H2B		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Histone H2B. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Histone H2B protein.		
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 - 1/2000)		
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; H2BFK		
Entrez Gene	255626, 3018, 3017, 8339, 8343, 8344, 8346, 8347 (Human); 319177, 319178, 319179 (Mouse)		
SwissProt	Q96A08, P33778, P62807 (Human); P70696, Q64475, Q6ZWY9 (Mouse)		
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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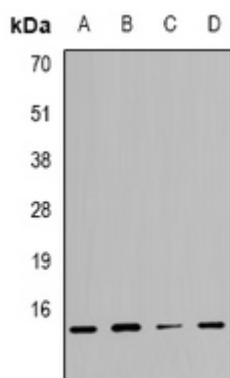
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Western blot analysis of Histone H2B expression in K562 (A), HeLa (B), NIH3T3 (C), mouse kidney (D) whole cell lysates.
(Predicted band size: 14; 13 kD; Observed band size: 14 kD)

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