

Anti-Histone H2A (Acetyl-K7) Antibody

Catalog #	Source	Reactivity	Applications
CPA6293	Rabbit	H, M, R, B, S	WB
Description	Rabbit polyclonal antibody to Histone H2A (Acetyl-K7)		
Immunogen	KLH-conjugated synthetic acetylated peptide corresponding to residues surrounding K7 of human Histone H2A protein. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Histone H2A protein only when acetylated at K7.		
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	H2AFZ		
Alternative Names	H2AZ; Histone H2A.Z; H2A/z		
Entrez Gene	3015, 94239 (Human); 51788, 77605 (Mouse); 58940 (Rat)		
SwissProt	P0C0S5, Q71UI9 (Human); P0C0S6, Q3THW5 (Mouse); P0C0S7 (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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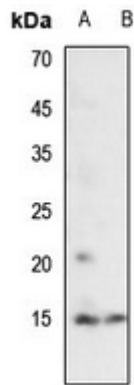
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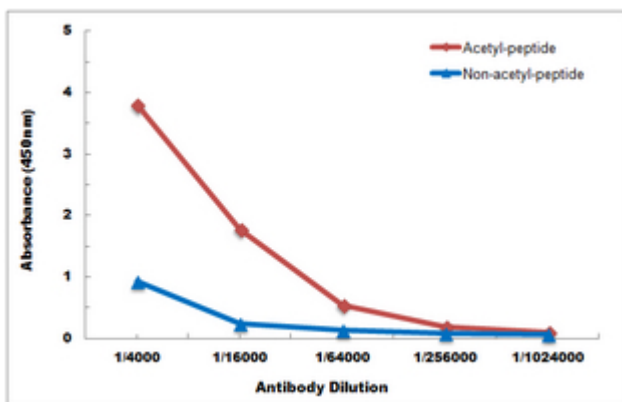
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Product Data Sheet



Western blot analysis of Histone H2A (Acetyl-K7) expression in DLD (A), U2OS (B) whole cell lysates. (Predicted band size: 13 kD; Observed band size: 14 kD)



Direct ELISA antibody dose-response curve using Anti-Histone H2A (Acetyl-K7) Antibody. Antigen (Acetyl-peptide and non-acetyl-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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