

## Anti-Histone H2A (Acetyl-K118) Antibody

Catalog #	Source	Reactivity	Applications
CPA6489	Rabbit	H, M, R	WB
<b>Description</b>	Rabbit polyclonal antibody to Histone H2A (Acetyl-K118)		
<b>Immunogen</b>	KLH-conjugated synthetic acetylated peptide corresponding to residues surrounding K118 of human Histone H2A 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 H2A protein only when acetylated at K118.		
<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>	HIST1H2AG; HIST1H2AI; HIST1H2AK; HIST1H2AL; HIST1H2AM; H2AFX		
<b>Alternative Names</b>	HIST1H2AG; H2AFP; HIST1H2AI; H2AFC; HIST1H2AK; H2AFD; HIST1H2AL; H2AFI; HIST1H2AM; H2AFN; Histone H2A type 1; H2A.1; Histone H2A/p; H2AFX; H2AX; Histone H2A.x; H2a/x		
<b>Entrez Gene</b>	8329, 8330, 8332, 8336, 8969, 3014 (Human); 319164, 15270 (Mouse)		
<b>SwissProt</b>	POCOS8, P16104 (Human); P22752, P27661 (Mouse); P02262 (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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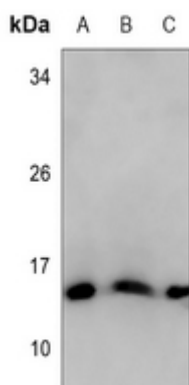
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## Product Data Sheet



Western blot analysis of Histone H2A (Acetyl-K118) expression in mouse muscle (A), rat kidney (B), rat muscle (C) whole cell lysates. (Predicted band size: 14; 15 kD; Observed band size: 15 kD)

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