

Acetyl-Histone H4 (Lys5) Polyclonal Antibody

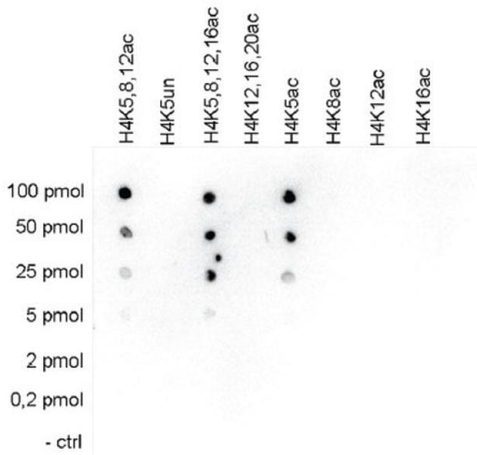
Product Details	
Size	50 µg
Species Reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	KLH-conjugated synthetic peptide corresponding to human the region of histone H4 containing the acetylated lysine 5 (H4K5ac).
Form	Liquid
Concentration	1.8 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4
Contains	0.05% sodium azide, 0.05% Proclin 300
Storage Conditions	-20°C or -80°C if preferred
RRID	AB_2608363

Applications	Tested	Dilution	Published
ELISA (ELISA)	✓	1:8,900	
Immunocytochemistry (ICC)	✓	1:250	
Immunofluorescence (IF)	✓	1:250	
Western Blot (WB)	✓	1:500	
Peptide Array (Array)	✓	1:2,000	

Advanced Verification Data

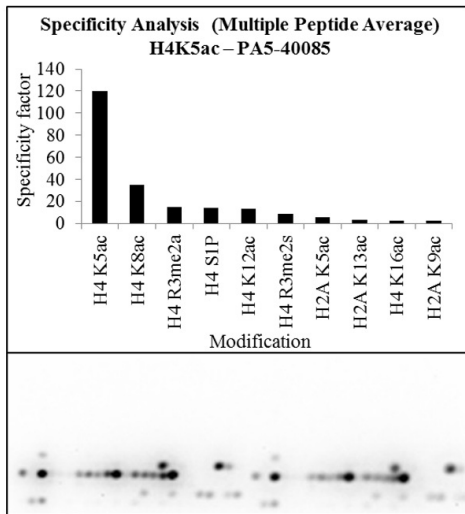
Acetyl-Histone H4 (Lys5) Antibody (PA5-40085)

A Dot Blot of the specific peptide and other relevant peptides when tested using Acetyl-Histone H4 (Lys5) antibody (Product # PA5-40085), showed that Acetyl-Histone H4 (Lys5) antibody was specifically recognized by the antibody. Peptide Array validation info.



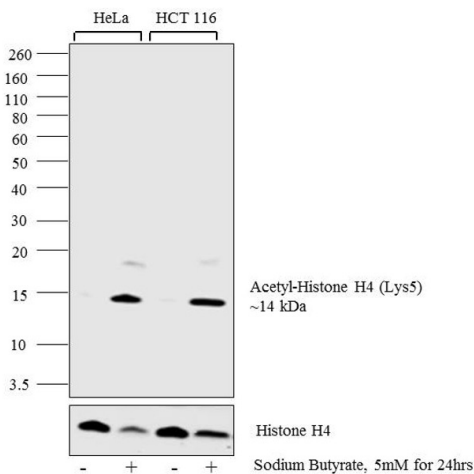
Acetyl-Histone H4 (Lys5) Antibody (PA5-40085)

Antibody specificity for modified targets can be established using peptide arrays by quantifying detection of the target protein along with closely related proteins. Peptide array of Histone H4K5ac using Anti-Acetyl-Histone H4 (Lys5) Antibody: An array of the specific peptide and other relevant peptides when tested using Anti-Acetyl-Histone H4 (Lys5) Polyclonal Antibody (Product # PA5-40085), showed that the Histone H4K5ac modification was specifically recognized by the antibody. Peptide Array validation info.



Acetyl-Histone H4 (Lys5) Antibody (PA5-40085)

Altered expression of proteins upon cell treatment demonstrates antibody specificity. Western blot analysis using Acetyl-Histone H4 (Lys5) antibody (Product # PA5-40085), shows increased expression of acetylated Histone upon Sodium Butyrate treatment. Cell Treatment validation info.



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