

Acetyl-Histone H4 (Lys5, Lys8, Lys12) Polyclonal Antibody

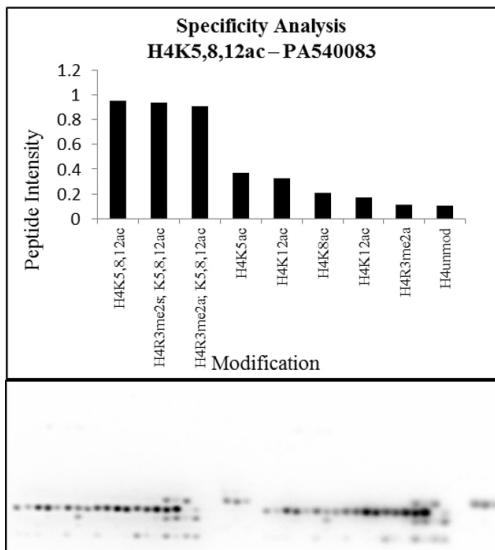
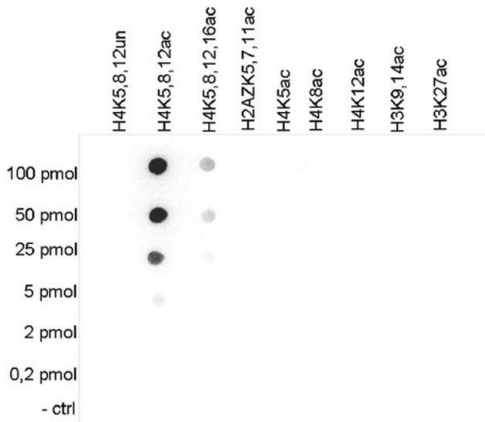
Product Details

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 lysines 5, 8 and 12 (H4K5,8,12ac).
Form	Liquid
Concentration	0.00076 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_2608361

Applications	Tested	Dilution	Published
ChIP assay (ChIP)	✓	1.5 µg/1x10 ⁶ cells	
ELISA (ELISA)	✓	1:14,500	
Immunocytochemistry (ICC)	✓	1:500	
Immunofluorescence (IF)	✓	1:500	
Western Blot (WB)	✓	1:1000	
Peptide Array (Array)	✓	1:2,000	
ChIP-sequencing (ChIP-Seq)	✓	Assay dependant	

Acetyl-Histone H4 (Lys5, Lys8, Lys12) Antibody (PA5-40083)

A Dot Blot of the specific peptide and other relevant peptides when tested using Acetyl-Histone H4 (Lys5, Lys8, Lys12) antibody (Product # PA5-40083), showed that cetyl-Histone H4 (Lys5, Lys8, Lys12) was specifically recognized by the antibody. Peptide Array validation info.

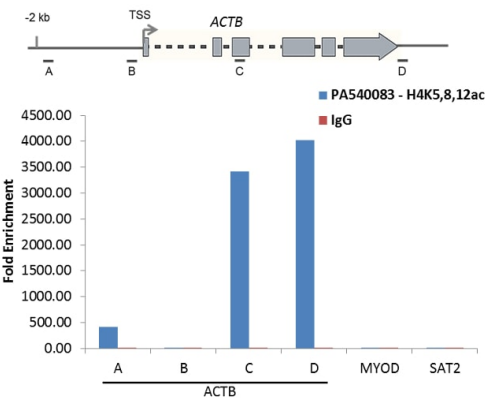


Acetyl-Histone H4 (Lys5, Lys8, Lys12) Antibody (PA5-40083)

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 H4K5,8,12ac using Anti-Acetyl-Histone H4 (Lys5,Lys8,Lys12) Antibody: An array of the specific peptide and other relevant peptides when tested using Anti-Acetyl-Histone H4 (Lys5,Lys8,Lys12) Polyclonal Antibody (Product # PA5-40083), showed that the Histone H4K5,8,12ac modification was specifically recognized by the antibody. Peptide Array validation info.

Acetyl-Histone H4 (Lys5, Lys8, Lys12) Antibody (PA5-40083)

Antibody specificity was demonstrated by detection of enrichment of the target protein at specific gene loci. Chromatin Immunoprecipitation (ChIP) was performed using Anti-Acetyl-Histone H4 (Lys5, Lys8, Lys12) Polyclonal Antibody (Product # PA5-40083) using PCR primer pairs over the ACTB gene (active) and MYOD, SAT2 satellite repeats (inactive). Relative expression validation info.



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