

Phospho-Histone H1 (Thr17) Polyclonal Antibody

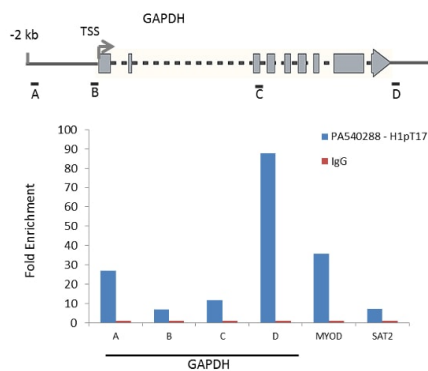
Product Details	
Size	100 µl
Species Reactivity	Human
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthesized peptide derived from human Histone H1 around the phosphorylation site of T17.
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol, 0.5% BSA
Contains	0.02% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2609366

Applications	Tested	Dilution	Published
ChIP assay (ChIP)	✓	1.5 µg/1x10 ⁶ cells	
Immunocytochemistry (ICC)	✓	5 µg/mL	
Immunofluorescence (IF)	✓	5 µg/mL	
Western Blot (WB)	✓	1:500-1:2000	

Product Specific Information

This antibody is predicted to react with mouse and monkey based on sequence homology.

Advanced Verification Data



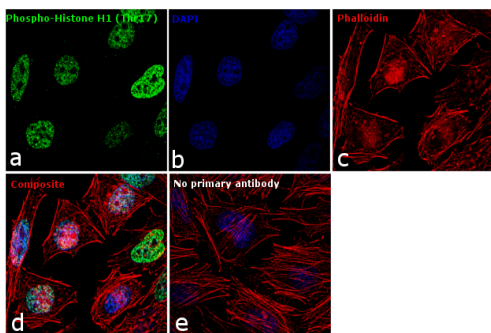
Phospho-Histone H1 (Thr17) Antibody (PA5-40288)

Antibody specificity was demonstrated by detection of enrichment of the target protein at specific gene loci. Chromatin Immunoprecipitation (ChIP) was performed using Anti-Phospho-Histone H1 (Thr17) Polyclonal Antibody (Product # PA5-40288) using PCR primer pairs over the GAPDH gene (active) and MYOD, SAT2 satellite repeats (inactive). Relative expression validation info.

Product Images For Phospho-Histone H1 (Thr17) Polyclonal Antibody

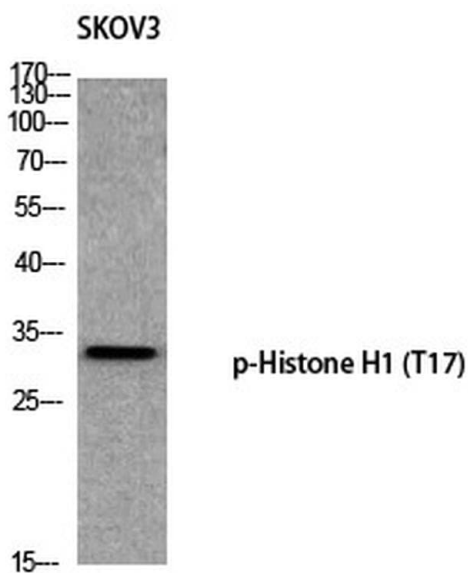
Phospho-Histone H1 (Thr17) Antibody (PA5-40288) in ICC

Immunofluorescence analysis of Phospho-Histone H1 (Thr17) was performed using 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with Phospho-Histone H1 (Thr17) Rabbit Polyclonal Antibody (Product # PA5-40288) at 5 microgram/mL concentration in 0.1% BSA, incubated overnight at 4 degree Celsius and then labeled with Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing nuclear localization. Panel e shows control cells with no primary antibody to assess background. The images were captured at 60X magnification.



Phospho-Histone H1 (Thr17) Antibody (PA5-40288) in WB

Western blot analysis of SKOV3 cells using an anti-HIST1H1B polyclonal antibody (Product # PA5-40288).



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