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Phospho-Histone H2A.X (S139) Rabbit mAb

货号: AYM29328

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IP
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50
理论分子量	15kDa
实测分子量	15kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,NIH/3T3,C2C12,Jurkat,Raji,Rat thymus
细胞定位	Chromosome,Nucleus
纯化	Affinity purification

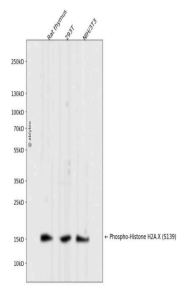
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-Histone H2A.X (S139).

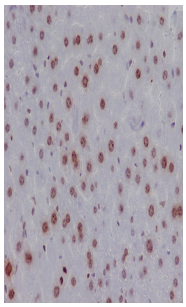
靶点信息

研究背景	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octa mer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The l inker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chr omatin into higher order structures. This gene encodes a replication-independent histone that is a memb er of the histone H2A family, and generates two transcripts through the use of the conserved stem-loop t ermination motif, and the polyA addition motif.
基因ID	3014
基因名	H2AFX
Swiss	P16104 (https://www.uniprot.org/uniprotkb/P16104/entry)
别名	Phospho-Histone H2A.X (S139),Phospho-Histone H2A.X (S139) Rabbit mAb,H2AFX,Histone H2A.X

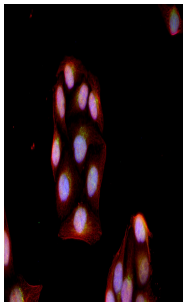
产品验证



Western blot analysis of Phospho-Histone H2A.X (S139) expressed in Rat thymus,293T,NIH/3T3 using Pho spho-Histone H2A.X (S139) Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) a t 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL En hanced Kit. Exposure time: 120s.



Immunohistochemical analysis of paraffin-embedded mouse liver, using Phospho-Histone H2A.X (S139) A ntibody.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 4 5 minutes at 25°C. Samples were then incubated with primary Ab Phospho-gamma H2A.X (Ser139) (YD18 728) Rabbit mAb and Rabbit actin for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H +L) Ab(Red) and an AlexaFluor488 conjugated goat.The nuclear counter stain is DAPI.

实验步骤

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