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Phospho-Histone H2AX-S139 Rabbit pAb

货号: **AYP11001**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: U251 cells , N2A , Homo sapiens , Mus musculus , Rattus norvegicus IF: Mouse bone marrow , Homo sapiens , Mus musculus , Rattus norvegicus ChIP: Arabidopsis thaliana IHC: Homo sapiens
应用	WB
推荐浓度	WB: 1:100 - 1:500
理论分子量	15kDa
实测分子量	17KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,NIH/3T3,C6
细胞定位	Chromosome,Nucleus
纯化	Affinity purification

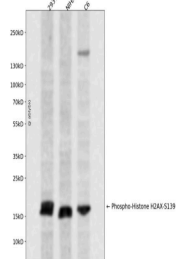
抗原信息

抗原信息	A synthetic phosphorylated peptide around S139 of human Histone H2AX (NP_002096.1).
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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 octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a replication-independent histone that is a member of the histone H2A family, and generates two transcripts through the use of the conserved stem-loop termination 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	H2A.X,H2A/X,H2AX,Histone H2AX,H2AFX,gamma H2A.X, γ H2AX,Phospho-Histone H2AX-S139 Rabbit pAb,Histone H2A.X,Histone H2A

产品验证



Western blot analysis of Phospho-Histone H2AX-S139 expressed in 293T,NIH/3T3,C6 using Phospho-Histone H2AX-S139 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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