

Histone H2A.X (Acetyl Lys5) rabbit pAb

Cat No.:ES20534

For research use only

Overview

Product Name	Histone H2A.X (Acetyl Lys5) rabbit pAb	
Host species	Rabbit	
Applications	WB	
Species Cross-Reactivity	Human;Mouse;Rat	
Recommended dilutions	WB: 1:1000-2000	
Immunogen	Synthetic Peptide of Histone H2A.X (Acetyl Lys5)	
Specificity	The antibody detects endogenous Histone H2A.X	
	(Acetyl Lys5) protein.	
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and	
	0.02% sodium azide.	
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.	
Protein Name	Histone H2A.x	
Gene Name	H2AFX	
Cellular localization	Nucleus . Chromosome .	
Purification	The antibody was affinity-purified from rabbit	
	antiserum by affinity-chromatography using	
	epitope-specific immunogen.	
Clonality	Polyclonal	
Concentration		
Observed band	15kD	
Human Gene ID	3014	
Human Swiss-Prot Number	r P16104	
Alternative Names	H2AFX; H2AX; Histone H2A.x; H2a/x	
Background	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	



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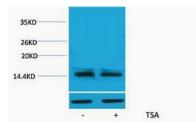
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replication-independent histone that is a member of the histone H2A family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif. [provided by RefSeq, Oct 2015],

Western blot analysis of extracts from Hela cells, untreated (-) or treated, 1:5000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).





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