Histone H2A.X (Phospho Tyr142) Polyclonal Antibody

Cat No: HR1AP2353

For research use only

Overview

Product Name	Histone H2A.X (Phospho Tyr142) Polyclonal Antibody
Source	Rabbit
Applications	WB
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	
Observed band	15kDa
GeneID?Human?	H2AFX
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	H2AFX; H2AX; Histone H2A.x; H2a/x
Background	H2A histone family member X(H2AFX) Homo sapiens 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. [provided by RefSeq, Oct 2015],