

Product Name: Histone H2A Rabbit Monoclonal Antibody

Catalog #: AMRe21481

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IF,IP,ELISA,CHIP,Cut&Tag
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	IHC 1:200-1:1000;WB 1:1000-1:5000;IF 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200;CHIP 1:50-1:100;Cut&Tag 1:50-1:100;
Molecular Weight	Calculated MW:14kD;Observed MW:17kD

Antigen Information

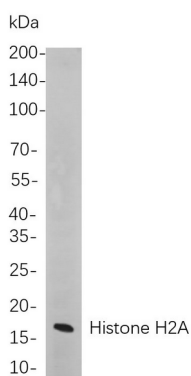
Gene Name	HIST1H2AB
Alternative Names	HIST1H2AG;H2AFP;HIST1H2AI;H2AFC;HIST1H2AK;H2AFD;HIST1H2AL;H2AFI;HIST1H2AM;H2AFN;Histone H2A type 1;H2A.1;Histone H2A/p;HIST1H2AB;H2AFM;HIST1H2AE;H2AFA;Histone H2A type 1-B/E;Histone H2A.2;Histone H2A/a;Histone H2A/m;HIS
Gene ID	8329;8332;8336;8969;3012;8335;3013;85235;723790;8337;92815
SwissProt ID	P0C0S8;P04908;P20671;Q96KK5;Q6FI13;Q7L7L0
Immunogen	

Background

Cell localization:Nucleus.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 is intronless and encodes a replication-dependent histone that is a member of the histone H2A family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015],

Research Area

Image Data



Western blot analysis of lysates from HeLa cells, using Histone H2A Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.