
Product Name: Histone H2A Rabbit Monoclonal Antibody**Catalog #: AMRe02085**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/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	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 14 kDa; Observed MW: 14 kDa

Antigen Information

Gene Name	HTA2
Alternative Names	Histone H2A.2
Gene ID	852283.0
SwissProt ID	P04912
Immunogen	A synthetic peptide of Histone H2A

Background

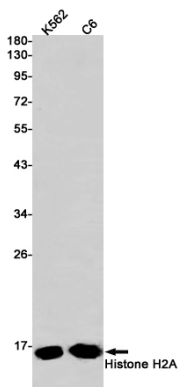
Core component of nucleosome which plays a central role in DNA double strand break (DSB) repair. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones

thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Histone H2A in K562, C6 lysates using Histone H2A antibody.