

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

Summary

| | |
|------------------------|--|
| Production Name | Histone H2A Rabbit Monoclonal Antibody |
| Description | Recombinant Rabbit Monoclonal antibody |
| Host | Rabbit |
| Application | WB |
| Reactivity | Human,Rat |

Performance

| | |
|---------------------|--|
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal Antibody |
| Form | Liquid |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Buffer | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| Purification | Affinity Purified |

Immunogen

| | |
|--------------------------|---------------|
| Gene Name | HTA2 |
| Alternative Names | Histone H2A.2 |
| Gene ID | 852283.0 |
| SwissProt ID | P04912 |

Application

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

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

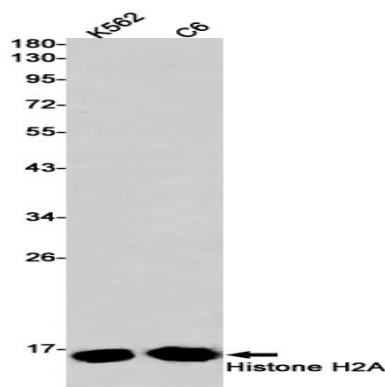
Background

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.

Note

For research use only.