Product Name: Histone H2A.Z Rabbit Monoclonal Antibody
Catalog #: AMRe02087

Summary

Production Name	Histone H2A.Z Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,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	H2AZ1
Alternative Names	H2AZ; H2A.z; H2A/z; H2A.Z-1
Gene ID	3015
SwissProt ID	P0C0S5

Application

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

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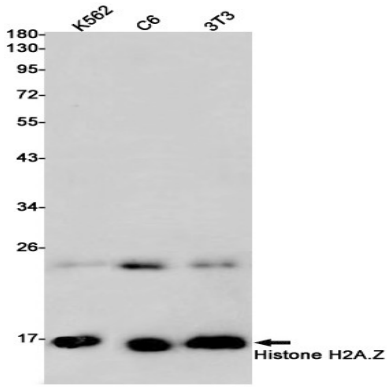
Background

Core component of nucleosome. 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.Z in K562, C6, 3T3 lysates using Histone H2A.Z antibody.

Note

For research use only.