

Anti-Histone H2A.Z H2afz Rabbit Monoclonal Antibody

Catalog # ABO14148

Product Information

Application	WB, IHC, IF, ICC
Primary Accession	P0C0S5
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Histone H2A.Z H2afz Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	3015
Other Names	Histone H2A.Z, H2A/z, H2AZ1 (HGNC:4741)
Calculated MW	13553
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200
Subcellular Localization	Nucleus. Chromosome.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: EOO-8
Immunogen	A synthesized peptide derived from human Histone H2A.Z
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

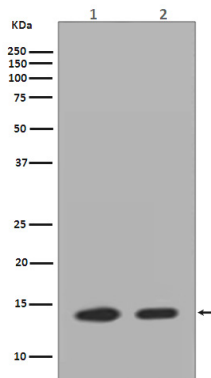
Name	H2AZ1 (HGNC:4741)
Function	Variant histone H2A which replaces conventional H2A in a subset of nucleosomes. Nucleosomes wrap and compact DNA into chromatin, limiting

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. May be involved in the formation of constitutive heterochromatin. May be required for chromosome segregation during cell division.

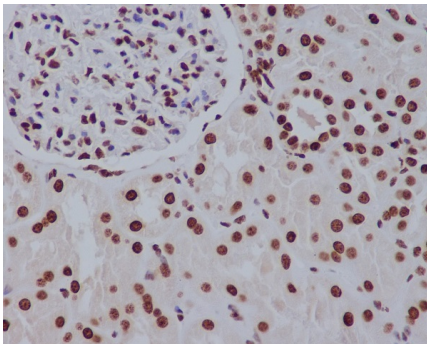
Cellular Location

Nucleus. Chromosome.

Images



Western blot analysis of Histone H2A.Z expression in (1)Neuro-2a cell lysate;(2)HeLa cell lysate.



Immunohistochemical analysis of paraffin-embedded human kidney, using Histone H2A.Z Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.