

Rabbit Histone H2A.Z Polyclonal Antibody | anti-H2AFZ antibody

Histone H2A.Z antibody

CATALOG # AAA107809	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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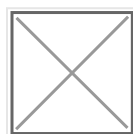
PRODUCT SYNONYMS

Histone H2A.Z; Polyclonal Antibody; Histone H2A.Z antibody; Polyclonal Histone H2A.Z; Anti-Histone H2A.Z; MGC117173; Histone HA.Z-2; H2AZ; H2A histone family member Z; H2A.z; H2AZ histone; Histone HA.Z 2; histone H2A.Z; H2AFZ; H2A/z; anti-H2AFZ antibody

PRODUCT SPECIFICATIONS

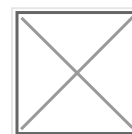
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Histone H2A.Z antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	128
Applicable Applications for anti-H2AFZ antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones. The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene encodes a replication-independent member of the histone H2A family that is distinct from other members of the family. Studies in mice have shown that this particular histone is required for embryonic development and indicate that lack of functional histone H2A leads to embryonic lethality.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded ES-2 xenograft using Histone H2A.Z antibody at a dilution of 1:100



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: MOLT4; B: Raji) using a 12 % SDS PAGE gel and Histone H2A.Z antibody at a dilution of 1:3000



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed A431, using Histone H2A.Z antibody at 1:500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-H2AFZ antibody	Affinity purified Rabbit polyclonal Histone H2A.Z antibody
Product Categories/Family for anti-H2AFZ antibody	Cell Biology; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504255
NCBI GeneID	3015
NCBI Accession #	NP_002097.1
NCBI GenBank Nucleotide #	NM_002106.3
UniProt Accession #	P0C0S5; P17317; Q6I9U0; B2RD56
Molecular Weight	14 kDa
NCBI Official Full Name	histone H2A.Z
NCBI Official Synonym Full Names	H2A histone family, member Z
NCBI Official Symbol	H2AFZ
NCBI Official Synonym Symbols	H2AZ; H2A.z; H2A/z; H2A.Z-1
NCBI Protein Information	histone H2A.Z
UniProt Protein Name	Histone H2A.Z
UniProt Gene Name	H2AFZ
UniProt Synonym Gene Names	H2AZ; H2A/z
UniProt Entry Name	H2AZ_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/histone-h2az-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/107809>