

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

Anti-Histone H2A.Z/H2AFZ Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254590	Rabbit	HumanPredicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)	Immunofluorescence, Immunocytochemistry, Western Blot

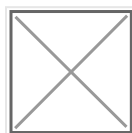
PRODUCT SYNONYMS

Histone H2A.Z/H2AFZ; Polyclonal Antibody; Anti-Histone H2A.Z/H2AFZ Antibody; Rabbit Polyclonal; H2AFZ Antibody; Rabbit PAb; Antigen Affinity Purified; H2A histone family member Z; Anti-H2A.z Antibody; Anti-H2A.Z-1 Antibody; Anti-H2A/z Antibody; Anti-H2AZ Antibody; anti-H2AFZ antibody

PRODUCT SPECIFICATIONS

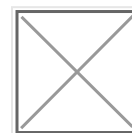
Host	Rabbit
Reactivity	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Histone H2A.Z/H2AFZ
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-H2AFZ antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human H2AFZ
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human H2AFZ, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of H2AFZ in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti- H2AFZ polyclonal antibody (1:5000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor594-conjugated Goat Anti-rabbit IgG secondary antibody (red). Positive staining was localized to nucleus.



WB (Western Blot)

Anti-H2AFZ rabbit polyclonal antibody at 1:500 dilution Lane A: HeLa Whole Cell Lysate Lane B: NIH3T3 Whole Cell Lysate Lane C: HepG2 Whole Cell Lysate Lane D: Raji Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 13 kDa Observed band size: 15 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-H2AFZ antibody	H2AZ1 (H2A.Z Variant Histone 1, also known as H2AFZ) is a Protein Coding gene. This gene encodes a replication-independent member of the histone H2A family that is distinct from other members of the family. H2AFZ gene may confer a risk for schizophrenia and contribute to the impairment of executive function in Han Chinese patients with schizophrenia. H2AFZ gene may be a susceptibility factor in male subjects with schizophrenia, and that modification of the H2AFZ signaling pathway warrants further study in terms of the pathophysiology of schizophrenia. H2AFZ is widely expressed in the bone marrow, lymph node, and other tissues. Diseases associated with H2AZ1 include Testicular Spermatocytic Seminoma and Floating-Harbor Syndrome.
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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	13,553 Da
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; H2AZ histone
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/histone-h2az-h2afz-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/254590>