

Rabbit H2AFZ Polyclonal Antibody | anti-H2AFZ antibody

H2AFZ Antibody (C-term)

CATALOG # AAA283907	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Bovine, C Elegans, Chicken, Zebrafish, Drosophila, Mouse, Rabbit, Xenopus, Rat)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

H2AFZ; Polyclonal Antibody; H2AFZ Antibody (C-term); Histone H2AZ; H2A/z; H2AZ; anti-H2AFZ antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, C Elegans, Chicken, Zebrafish, Drosophila, Mouse, Rabbit, Xenopus, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This H2AFZ antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 59-86 amino acids from the C-terminal region of human H2AFZ.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	59-86
Sequence Length	128
Applicable Applications for anti-H2AFZ antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

H2AFZ Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of H2AFZ Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

H2AFZ Antibody (C-term) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the H2AFZ antibody detected the H2AFZ protein (arrow).



WB (Western Blot)

Western blot analysis of lysate from zebra fish heart tissue, using H2AFZ Antibody (C-term).
AAA283907 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-H2AFZ antibody	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 (H2A, H2B, H3, and H4). 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. [provided by RefSeq].
Product Categories/Family for anti-H2AFZ antibody	Crown Antibodies
References	Marques, M., et al. Epigenetics 5(4):267-272(2010) Svotelis, A., et al. Cell Cycle 9(2):364-370(2010) Thakar, A., et al. Biochemistry 48(46):10852-10857(2009) Hardy, S., et al. PLoS Genet. 5 (10), E1000687 (2009) : Gevry, N., et al. Genes Dev. 23(13):1522-1533(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504255
NCBI GeneID	3015
NCBI Accession #	NP_002097.1
NCBI GenBank Nucleotide #	NM_002106.3
UniProt Accession #	POC0S5; P17317; Q6I9U0; B2RD56
Molecular Weight	13553
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/h2afz-antibody-immunohistochemistry-western-blot-elisa/283907>