

Datasheet for ABIN655184
anti-H2AFZ antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	400 µL
Target:	H2AFZ
Binding Specificity:	AA 59-86, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This H2AFZ antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB20139
Isotype:	Ig Fraction
Predicted Reactivity:	B, E, C, Zf, D, M, Rb, X, Rat, Sh
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	H2AFZ
Alternative Name:	H2AFZ (H2AFZ Products)

Target Details

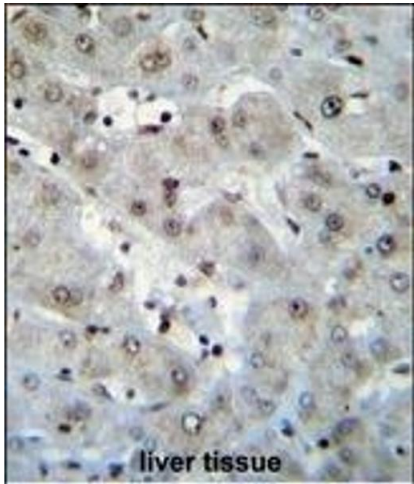
Background:	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The 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].
Molecular Weight:	13553
Gene ID:	3015
NCBI Accession:	NP_002097
UniProt:	P0C0S5
Pathways:	Telomere Maintenance

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

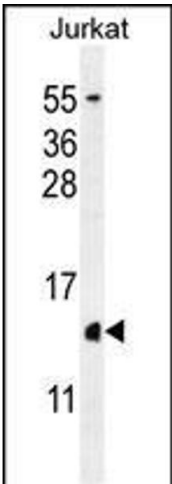
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



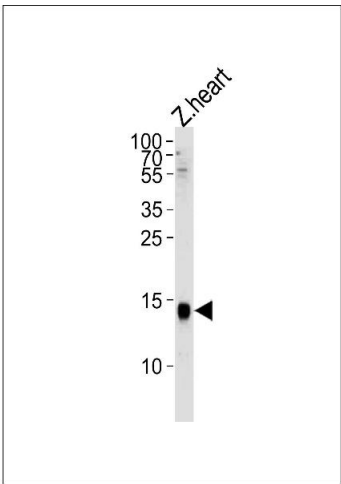
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. H2AFZ Antibody (C-term) (ABIN655184 and ABIN2844799) 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.



Western Blotting

Image 2. H2AFZ Antibody (C-term) (ABIN655184 and ABIN2844799) western blot analysis in Jurkat cell line lysates (35 µg/lane). This demonstrates the H2AFZ antibody detected the H2AFZ protein (arrow).



Western Blotting

Image 3. Western blot analysis of lysate from zebra fish heart tissue, using H2AFZ Antibody (C-term) (ABIN655184 and ABIN2844799). (ABIN655184 and ABIN2844799) 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 35 µg.