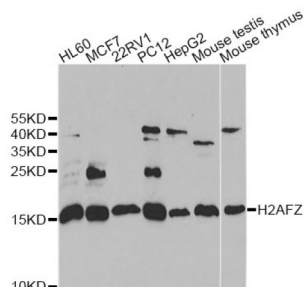


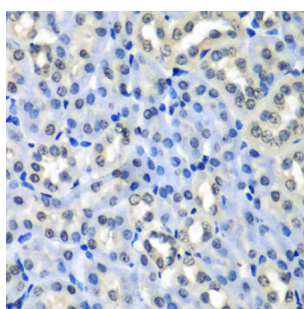
Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
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H2A Histone Family Member Z (H2AFZ) Antibody

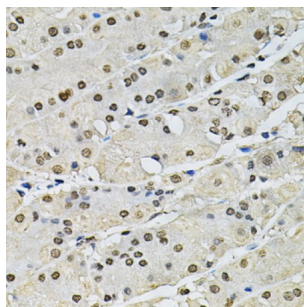
Catalogue No.: abx005072



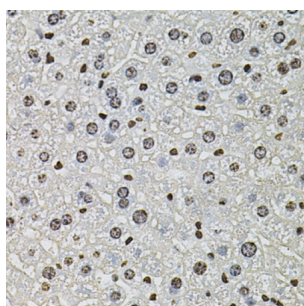
Western blot analysis of extracts of various cell lines, using H2AFZ antibody (abx005072) at 1/1000 dilution.



Immunohistochemistry of paraffin-embedded mouse kidney using H2AFZ antibody (abx005072) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using H2AFZ antibody (abx005072) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse liver using H2AFZ antibody (abx005072) at dilution of 1/100 (40x lens).

H2AFZ Antibody is a Rabbit Polyclonal antibody against H2AFZ. 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.

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Target: H2AFZ

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human H2AFZ.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 13 kDa
Observed MW: 15 kDa

Swiss Prot: [P0C0S5](#)

GeneID: [3015](#)

Gene Symbol: H2AFZ

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.