

[KO Validated] Histone H2A.Z Rabbit Polyclonal Antibody

CAB12442



Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

14kDa

Calculated MW:

13kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

3015

Uniprot

P0C0S5

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Synonyms:

H2AFZ; H2A.Z-1; H2A.z; H2A/z; H2AZ; histone H2A.Z

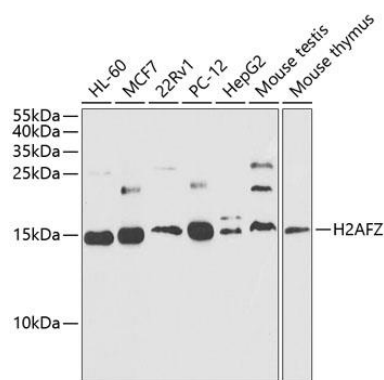
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-128 of human H2AFZ (NP_002097.1).

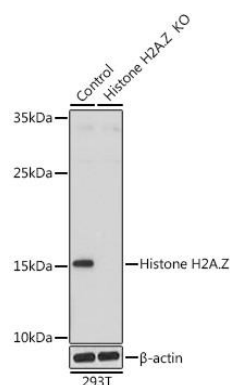
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using Histone H2A.Z antibody (CAB12442) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Western blot analysis of extracts from normal (control) and Histone H2A.Z Rabbit pAb knockout (KO) 293T cells, using Histone H2A.Z Rabbit pAb antibody (CAB12442) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.