

H2AFZ antibody

Catalog No: #39046

Package Size: #39046-1 50ul #39046-2 100ul

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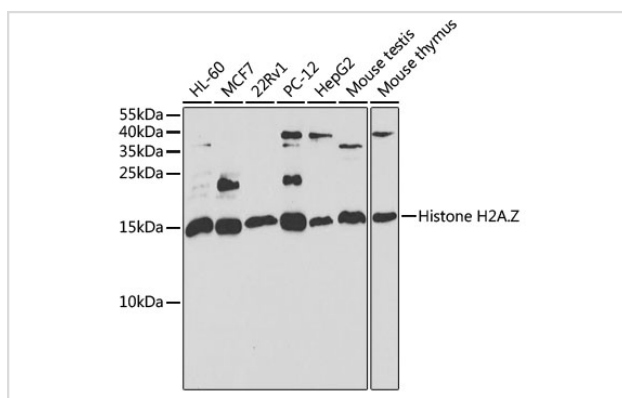
Description

Product Name	H2AFZ antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total H2AFZ protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human H2AFZ (NP_002097.1).
Target Name	H2AFZ
Other Names	H2AFZ;H2A.Z-1;H2A.z;H2A/z;H2AZ;histone H2A.Z
Accession No.	Uniprot:P0C0S5GeneID:3015
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GeneID	3015
SDS-PAGE MW	15kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using H2AFZ antibody.

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.

Note: This product is for in vitro research use only