BT LAB
Bioassay Technology Laboratory

Optimize Your Research

Histone H2A.Z Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09938
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of Histone H2A.Z
Mol wt	51633
Species reactivity	Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	
Full name	Histone H2A.Z
Synonyms	Histone H2A.Z; H2AFZ; H2AZ; Histone H2A.Z; H2A/z

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

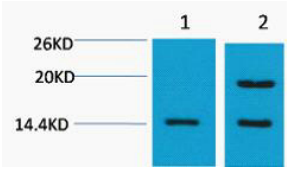
Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber 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.

Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

Images



Western blot analysis of 1) Rat Brain, 2) Mouse Brain tissue, diluted at 1:2000. Secondary antibody was diluted at 1:20000

Storage

-20°C for 1 year

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