A2354

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HIST1H2BA Mouse mAb

Catalog No.: A2354 3 Publications

Basic Information

Observed MW
14kDa

Calculated MW
14kDa

Category
Monoclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human,Mouse,Rat,Monkey,Zebrafish

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 is intronless and encodes a replication-dependent histone that is a testis/sperm-specific member of the histone H2B family. Transcripts from this gene contain a palindromic termination element.

Recommended Dilutions

WB	1:500 - 1:2000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
255626

Swiss Prot
Q96A08

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
STBP; TH2B; H2BFU; TSH2B; hTSH2B; TSH2B.1; HIST1H2BA; bA317E16.3

Contact

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Product Information

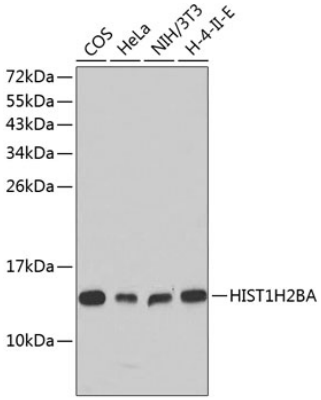
Source
Mouse

Isotype
IgG

Purification
Affinity purification

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

Validation Data



Western blot analysis of various lysates using HIST1H2BA Mouse mAb (A2354).
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.

For research use only. Not for therapeutic or diagnostic purposes.
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