

mH2A2 Rabbit pAb

Catalog No.: A3453

Basic Information

Observed MW

40kDa

Calculated MW

40kDa

Category

Primary antibody

Applications

WB,FC

Cross-Reactivity

Human, Mouse

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 histone that is a member of the histone H2A family. It replaces conventional H2A histones in a subset of nucleosomes where it represses transcription and may participate in stable X chromosome inactivation.

Recommended Dilutions

WB	1:500 - 1:2000
FC	1:20 - 1:50

Immunogen Information

Gene ID

55506

Swiss Prot

Q9P0M6

Immunogen

A synthetic peptide of human H2AFY2

Synonyms

H2AFY2; mH2A2

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

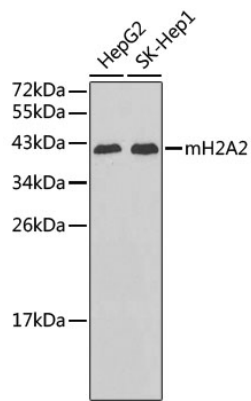
Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using H2AFY2 antibody (A3453).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.