Acetyl-Histone H1.4-K26 polyclonal antibody

Catalog: BS74108 Host: Rabbit Reactivity: Human, Mouse, Rat

BackGround:

Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6. [provided by RefSeq, Aug 2015]

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

Refer to figures

Swiss-Prot:

P10412

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC,1:50 - 1:200|IF/ICC,1:50 - 1:200

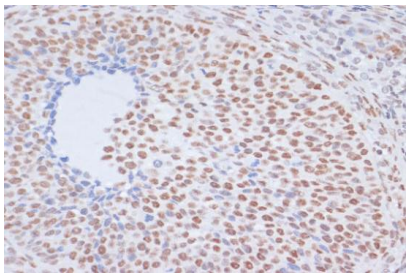
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

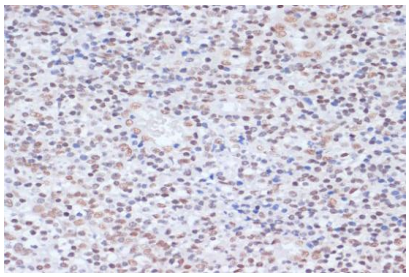
Modification:

Acetylated

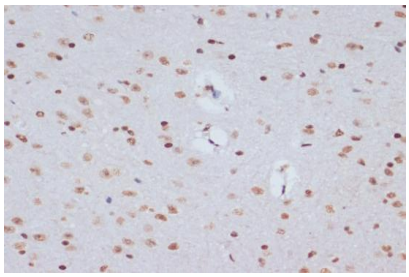
DATA:



Immunohistochemistry of paraffin-embedded rat ovary using Acetyl-Histone H1.4-K26 antibody at dilution of 1:200 .Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded human tonsil using Acetyl-Histone H1.4-K26 antibody at dilution of 1:200 .Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded mouse brain using Acetyl-Histone H1.4-K26 antibody at dilution of 1:200 .Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

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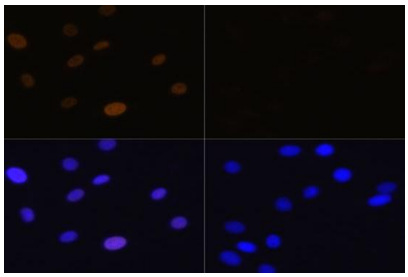

Immunofluorescence analysis of C6 cells using Acetyl-Histone H1.4-K26 at dilution of 1:100. Blue: DAPI for nuclear staining.C6 cells were treated by TSA at 37℃ for 18 hours. Blue: DAPI for nuclear staining.

Note:

For research use only, not for use in diagnostic procedure.

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