Acetyl-Histone H4-K16 polyclonal antibody

Catalog: BS79332 Host: Rabbit Reactivity: Human, Mouse, Rat, Other (Wide Range)

BackGround:

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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 member of the histone H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the centromeric copy.

Product:

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

Molecular Weight:

11KDa

Swiss-Prot:

P62805

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:

WB,1:500 - 1:2000

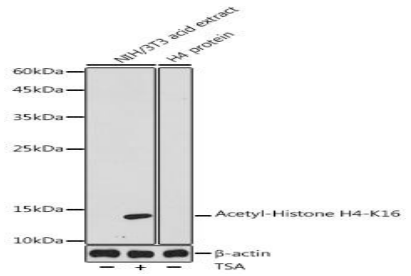
Storage&Stability:

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

Modification:

Acetylated

DATA:



Western blot analysis of extracts of NIH/3T3 cells, using Acetyl-Histone H4-K16 antibody at 1:1000 dilution.NIH/3T3 cells were treated by TSA at 37℃ for 18 hours.
Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit .
Exposure time: 90s.

Note:

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

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