Histone H2B (Butyryl-K16) polyclonal antibody

Catalog: BS67565 Host: Rabbit Reactivity: Human

BackGround:

Entirely replaces classical histone H2B prior nucleosome to protamine transition and probably acts as a nucleosome dissociating factor that creates a more dynamic chromatin, facilitating the large-scale exchange of histones ore component of nucleosome .Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template.Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability .DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome ing .Also found in fat cells, its function and the presence of post-translational modifications specific to such cells are still unclear.

Product:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 15 kDa

Swiss-Prot:

P33778; P62807

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

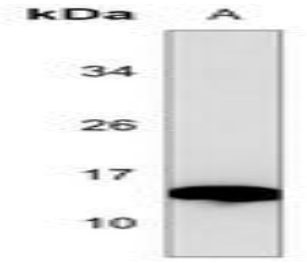
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of Histone H2B with a butyrylation site at K16 protein.

DATA:



Western blot analysis of Histone H2B (Butyryl-K16) expression in HCT116 (A) whole cell lysates.

Note:

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

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