



HIST3H2A polyclonal antibody

Catalog: BS32583

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Histone H2A type 3: Core 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 remodeling

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~14.1 kDa

Swiss-Prot:

Q7L7L0

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

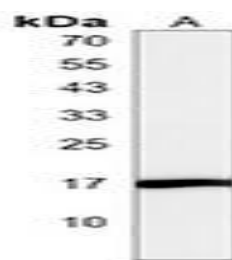
WB (1/500 - 1/1000)

Storage&Stability:

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

Specificity:

Recognizes endogenous levels of HIST3H2A protein.

DATA:

Western blot analysis of HIST3H2A expression in HEK293T (A), THP1 (B), Jurkat (C), mouse liver (D), mouse kidney (E), rat liver (F), rat kidney (G) whole cell lysates.

Immunohistochemical analysis of HIST3H2A staining in rat liver formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. Tyramide-AF488 (green) was used as the chromogen. The section was then counterstained with DAPI (blue).

Note:

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

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