

## Histone H2B (Butyryl-K5) polyclonal antibody

Catalog: BS69014

Host: Rabbit

Reactivity: Human,Mouse,Rat

### BackGround:

Eukaryotic histones are basic and water soluble nuclear proteins that form hetero-octameric nucleosome particles by wrapping 146 base pairs of DNA in a left-handed super-helical turn sequentially to form chromosomal fiber. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form the octamer; formed of two H2A-H2B dimers and two H3-H4 dimers, forming two nearly symmetrical halves by tertiary structure. Over 80% of nucleosomes contain the linker Histone H1, derived from an intronless gene, that interacts with linker DNA between nucleosomes and mediates compaction into higher order chromatin. Histones are subject to posttranslational modification by enzymes primarily on their N-terminal tails, but also in their globular domains. Such modifications include methylation, citrullination, acetylation, phosphorylation, sumoylation, ubiquitination and ADP-ribosylation.

### Product:

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

### Molecular Weight:

~ 17 kDa

### Swiss-Prot:

P33778/P62807

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1:500~1:1000

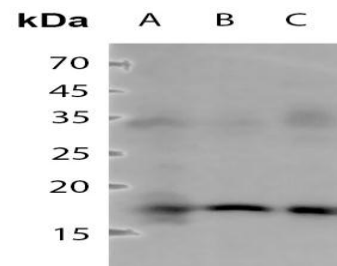
### Storage&Stability:

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

### Specificity:

Histone H2B (Butyryl-K5) polyclonal antibody detects endogenous levels of Histone H2B protein.

### DATA:



Western blot (WB) analysis of Histone H2B (Butyryl-K5) polyclonal antibody at 1:500 dilution

LaneA:HEK293T whole cell lysate

LaneB:U20S whole cell lysate

LaneC:DLD whole cell lysate

### Note:

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

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