Bioworld Technology CO., Ltd.

Histone H2B (K24) Peptide

Cat No.: BS2568P

Background

In eukaryotes, DNA is wrapped around histone octamers to form the basic unit of chromatin structure. The octamer is composed of histones H2A, H2B H3 and H4 and it associates with approximately 200 base pairs of DNA to form the nucleosome. The association of DNA with histones results in dense packing of chromatin, which restricts proteins involved in gene transcription from binding to DNA. Histone H1 is required for the condensation of nucleosome chains into higher order structures. Phosporylation of Histone H1 is thought be involved in this process, although the exact nature of this role has yet to be elucidated. Evidence suggests that Histone H1 is a part of a general repressor mechanism for stable repression of transcription, but it can also activate transcription of specific genes.

Swiss-Prot

Q93079

Applications

Blocking

Specificity

This peptide can be used with studies using BS2568 Histone H2B (K24) pAb.

Purification & Purity

Synthetic peptide Histone H2B (K24). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

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

Research Use

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

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