

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Histone H1.0 (R94) Peptide

Cat No.: BS1916P

Background

Histone H10 (H1 histone family, member 0) is a lysine rich member of the H1 family of linker histones. The H1 family of proteins interacts with linker DNA between nucleosomes and mediates compaction into higher order chromatin. Histone H10 is a unique variant considered a replacement linker histone which is expressed and incorporated into chromatin in the absence of DNA replication. In contrast, the majority of somatic H1 histones are replication dependent variants found in proliferating cells. Histone H10 is expressed in cells that are in the terminal stages of differentiation or that have low rates of cell division. Unlike other differentiation-specific linker histones which demonstrate tissue and species-specific expression, Histone H10 is widely expressed in many tissues in most vertebrates.

Swiss-Prot

P07305

Applications

Blocking

Specificity

This peptide can be used with studies using BS1916 Histone H1.0 (R94) pAb.

Purification & Purity

Synthetic peptide Histone H1.0 (R94). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

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

Research Use

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