bs-1413R **[Primary Antibody]**

Histone H1t Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 3010 **SWISS:** P22492

Target: Histone H1t

Immunogen: KLH conjugated synthetic peptide derived from human Testicular H1 histone: 51-207/207.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6.

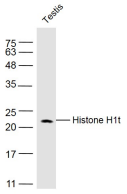
Applications: **WB** (1:500-2000)

Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Cow, Dog, Horse)

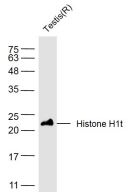
Predicted MW.: 22 kDa

Subcellular Location: Nucleus

VALIDATION IMAGES



Sample: Testis (Mouse) Lysate at 40 ug Primary: Anti- Histone H1t (bs-1413R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 22 kD Observed band size: 22 kD



Sample: Testis (Rat) Lysate at 40 ug Primary: Anti- Histone H1t (bs-1413R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 22 kD Observed band size: 22 kD

SELECTED CITATIONS

- **[IF=3.743]** Liu B et al. The atherosclerosis-ameliorating effects and molecular mechanisms of BuYangHuanWu decoction. Biomed Pharmacother. 2019 Dec 27;123:109664. WB ;Rat. 31887542