bsm-62436R **[Primary Antibody]**

Acetyl-Histone H3.1 (Lys24) Recombinant Rabbit mAb

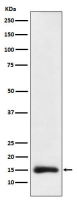
www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 13B17
GeneID: 8350
SWISS: P68431
Target: Acetyl-Histone H3.1 (Lys24)
Immunogen: A synthesized peptide derived from human Histone H3.1 around the acetylation site of K24: AT-(Ac)K-AA(全长136aa).
Purification: affinity purified by Protein A
Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.
Background: 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.

Applications: **WB** (1:1000-2000)
ICC/IF (1:50-200)
IP (1:20-50)
ChIP (1:20-50)
Reactivity: Human, Mouse
Predicted MW.: 15
Subcellular Location: Nucleus

VALIDATION IMAGES



Western blot analysis of HeLa cell treated with TSA cell lysate. Using Acetyl-Histone H3.1 (Lys24) (bsm-62436R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.