bsm-62431R **[Primary Antibody]**

Mono/Di/TriMethyl-Histone H3.1 (Lys15) Recombinant Rabbit mAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Recombinant

GeneID: 8350 **SWISS:** P68431

Target: Mono/Di/TriMethyl-Histone H3.1 (Lys15)

Immunogen: A synthesized peptide derived from human Histone H3.1 around the methylation site of K15: GG-(Me)K-AP.

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.

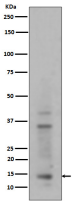
Applications: **WB** (1:1000-2000)
ICC/IF (1:50-200)

Reactivity: Human, Mouse

Predicted MW.: 15

Subcellular Location: Nucleus

VALIDATION IMAGES



Western blot analysis of HeLa cell lysate. Using Mono/Di/TriMethyl-Histone H3.1 (Lys15) (bsm-62431R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.