

## Histone H3 (mono+di+tri methyl K79) Rabbit monoclonal antibody

Catalog: BS40149

Host: Rabbit

Reactivity: Human Mouse Rat

### BackGround:

H3 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. The nucleosome is a histone octamer containing two molecules each of H2A, H2B, H3 and H4 assembled in one H3-H4 heterotetramer and two H2A-H2B heterodimers.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

### Molecular Weight:

15kDa

### Swiss-Prot:

P68431

### Purification&Purity:

Affinity-chromatography

### Applications:

WB 1:500~1:1000 IHC 1:1000~1:2000

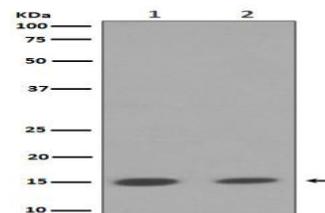
### Storage&Stability:

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

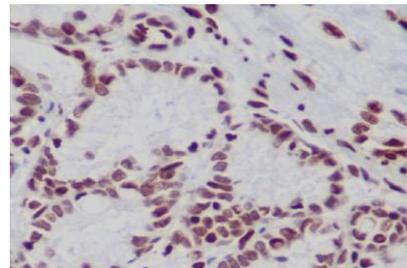
### Specificity:

Histone H3 (mono+di+tri methyl K79) Antibody detects endogenous levels of total Histone H3 (mono+di+tri methyl K79)

### DATA:



Western blot analysis of Histone H3 (mono+di+tri methyl K79) expression in (1) NIH/3T3 cell lysate; (2) A549 cell lysate.



Immunohistochemical analysis of paraffin-embedded rat colon, using Histone H3 (mono+di+tri methyl K79) Antibody.

### Note:

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

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