

Phospho-Histone H3 (S10) Rabbit monoclonal antibody

Catalog: BS40010

Host: Rabbit

Reactivity: Human Mouse Rat

BackGround:

Variant histone H3 which replaces conventional H3 in a wide range of nucleosomes in active genes. Constitutes the predominant form of histone H3 in non-dividing cells and is incorporated into chromatin independently of DNA synthesis. Deposited at sites of nucleosomal displacement throughout transcribed genes, suggesting that it represents an epigenetic imprint of transcriptionally active chromatin. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template.

Product:

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

Molecular Weight:

~ 18 kDa

Swiss-Prot:

P68431

Purification&Purity:

Affinity-chromatography

Applications:

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200
IP 1:50

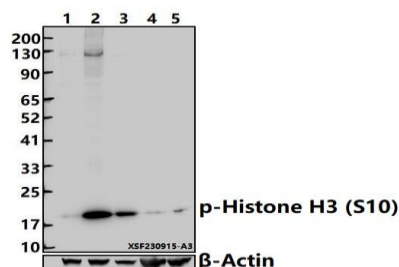
Storage&Stability:

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

Specificity:

Phospho-Histone H3 (S10) Antibody detects endogenous levels of total Phospho-Histone H3 (S10)

DATA:



Western blot (WB) analysis of Histone H3 (Phospho-Ser10) Rabbit monoclonal antibody at 1:500 dilution

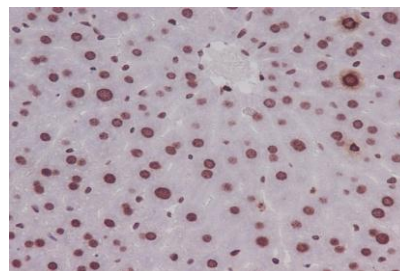
Lane1:HEK293T whole cell lysate(30ug)

Lane2:HEK293T treated with Calyculin A(50 nM,30 minutes) whole cell lysate(30ug)

Lane3:HeLa whole cell lysate(30ug)

Lane4:The Lung tissue lysate of Mouse(30ug)

Lane5:The Heart tissue lysate of Rat(30ug)



Immunohistochemical analysis of paraffin-embedded mouse liver, using Phospho-Histone H3 (S10) Antibody.

Note:

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

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