

Histone H3 (T11) polyclonal antibody

Catalog: BCP00880

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fibre is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. Covalent modifications of the canonical core histones, including acetylation, phosphorylation, methylation, and monoubiquitination are used to mark nucleosomes to create chromatin domains with a range of functions.

Product:

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

Molecular Weight:

~ 17 kDa

Swiss-Prot:

P68431/Q71DI3/P84243

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:1000~1:2000

IF: 1:50~1:200

IP: 1:50~1:200

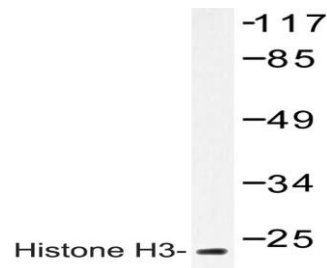
Storage&Stability:

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

Specificity:

Histone H3 (T11) polyclonal antibody detects endogenous levels of Histone H3 protein.

DATA:



Western blot (WB) analysis of Histone H3 polyclonal antibody at 1:1000 dilution

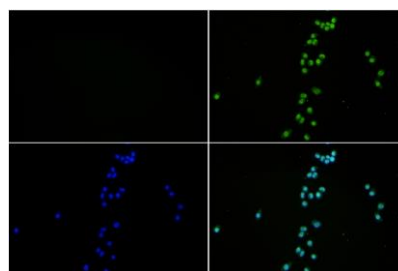
Lane1:Hela whole cell lysate(40ug)

Lane2:HEK293T whole cell lysate(40ug)

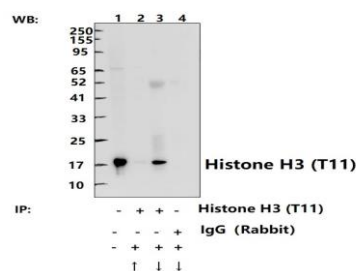
Lane3:A549 whole cell lysate(40ug)

Lane4:CT-26 whole cell lysate(40ug)

Lane5:C6 whole cell lysate(40ug)



Immunofluorescence analysis of BV2 cells using Histone H3 antibody at dilution of 1:50.



Immunoprecipitation of BV2 cell lysates using Histone H3 (T11) pAb (Sepharose Bead Conjugate)#BD0048 (lane 2 and lane 3) and Nonspecific IgG Control (Sepharose Bead Conjugate)#BD0048 (lane 4). Lane 1 is 30% input. The western blot was probed using Histone H3 (T11) pAb.

Note:

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