

## Histone H3 polyclonal antibody

Catalog: BCP00883

Host: Rabbit

Reactivity: Human,Rat,Mouse

### 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.

### Product:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

### Molecular Weight:

~ 25 kDa

### Swiss-Prot:

P68431; Q71DI3; P84243; Q6NXT2

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum

by affinity-chromatography using epitope-specific immunogen and the purity is > 219% (by SDS-PAGE).

### Applications:

WB (1/500 - 1/1000)

### Storage&Stability:

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

### Specificity:

Recognizes endogenous levels of Histone H3 protein.

### DATA:

Western blot analysis of Histone H3 expression in NIH3T3 (A) whole cell lysates.

### Note:

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