

Histone H3 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10468**Specification**

Histone H3 Antibody - Product Information

Application	WB
Primary Accession	P68431.2
Other Accession	CAB02546
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

Histone H3 Antibody - Additional Information

Application & Usage	Western blotting (0.5-4 µg/ml) and Immunohistochemistry (20 µg/ml). However, the optimal conditions should be determined individually. The antibody detects 17-20 kDa histone H3 protein. It does not cross-react with other histones.
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Other Names

H3F3A , 601128 , Q66I33 , H3.3A , H3F3 , MGC87782 , MGC87783 , 3021 , H3F3B , 601058 , P84243 , H3.3B , H3F3A

Target/Specificity

Histone H3

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit anti-Histone H3 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Histone H3 Antibody is for research use only and not for use in diagnostic or therapeutic

procedures.

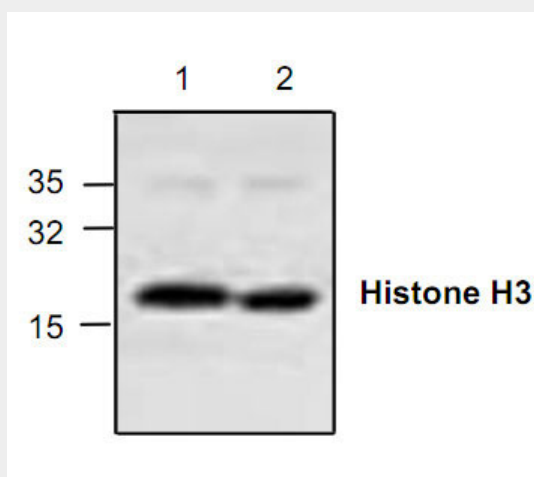
Histone H3 Antibody - Protein Information

Histone H3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Histone H3 Antibody - Images



Western blot analysis of Histone H3 expression with Jurkat cell lysate.

Histone H3 Antibody - Background

The nucleosome is made up of four core histone proteins (H2A, H2B, H3 and H4) and is the primary building block of chromatin. The N-terminal tail of core histones undergoes different posttranscriptional modification including acetylation, phosphorylation and methylation. These modifications occur in response to cell signal stimuli and have a direct effect on gene expression.