

**Histone H4 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10469****Specification**

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**Histone H4 Antibody - Product Information**

Application	WB, IHC, IP
Primary Accession	<a href="#">P62805.2</a>
Other Accession	<a href="#">CAB02549</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

**Histone H4 Antibody - Additional Information**

Application & Usage	Western blotting (0.5-4 µg/ml), in immunoprecipitation (20-40 µg/ml) and Immunohistochemistry (20-40 µg/ml). However, the optimal conditions should be determined individually. The antibody detects ~11 kDa histone H4 protein. It does not cross-react with other histones.
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**Other Names**

H4FB , HIST1H4B , HIST1H4F, H4FN, H4FH

**Target/Specificity**

Histone H4

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Formulation**

100 µg (0.5 mg/ml) affinity purified rabbit anti-Histone H4 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 H4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Histone H4 Antibody - Protein Information****Histone H4 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 H4 Antibody - Images****Histone H4 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.