

Histone H3 Blocking Peptide
Catalog # PBV10272b**Specification**

Histone H3 Blocking Peptide - Product Information

Primary Accession	P68431
Other Accession	CAB02546
Gene ID	8351
Calculated MW	15404

Histone H3 Blocking Peptide - Additional Information**Gene ID** 8350;8351;8352;8353;8354;8355;8356;8357;8358;8968**Application & Usage**

The peptide is used for blocking the antibody activity of Histone H3. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Target/Specificity

Histone H3

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 1% BSA, 50% glycerol, and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Histone H3 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Histone H3 Blocking Peptide - Protein Information**Name** H3C1 ([HGNC:4766](#))**Synonyms** H3FA, HIST1H3A**Function**

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.

Cellular Location

Nucleus. Chromosome.

Histone H3 Blocking Peptide - 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 Blocking Peptide - Images