

**Histone H3 Rabbit mAb**  
Catalog # AP75547**Specification**

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**Histone H3 Rabbit mAb - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">P68431</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	15404

**Histone H3 Rabbit mAb - Additional Information****Gene ID** 8350;8351;8352;8353;8354;8355;8356;8357;8358;8968**Other Names**

H3C1

**Dilution**

WB~~1/500-1/1000

IHC~~1/50-1/100

**Format**

Liquid

**Histone H3 Rabbit mAb - 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 Rabbit mAb - 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 Rabbit mAb - Images

