

**Histone H3.3 Rabbit mAb**  
**Catalog # AP75548****Specification**

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**Histone H3.3 Rabbit mAb - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">P84243</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	15328

**Histone H3.3 Rabbit mAb - Additional Information****Gene ID** 3020;3021**Other Names**  
H3-3A**Dilution**  
WB~~1/500-1/1000  
IHC~~1/50-1/100**Format**  
Liquid**Histone H3.3 Rabbit mAb - Protein Information****Name** H3-3A ([HGNC:4764](#))**Synonyms** H3.3A, H3F3, H3F3A**Function**

Variant histone H3 which replaces conventional H3 in a wide range of nucleosomes in active genes. Constitutes the predominant form of histone H3 in non-dividing cells and is incorporated into chromatin independently of DNA synthesis. Deposited at sites of nucleosomal displacement throughout transcribed genes, suggesting that it represents an epigenetic imprint of transcriptionally active chromatin. 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 H3.3 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 H3.3 Rabbit mAb - Images

