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H3.3G34W

Rabbit Monoclonal antibody(Mab)

Catalog # AD80561

Specification

H3.3G34W - Product info

Application	**IHC-P**
Primary Accession	P84243
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Monoclonal**
Calculated MW	**15328**

H3.3G34W - Additional info

Gene ID	**3020;3021**

Other Names
Histone H3.3, H3-3A (HGNC:4764), H3.3A, H3F3, H3F3A

Dilution
IHC-P~~N/A

Storage
Maintain refrigerated at 2-8°C

H3.3G34W - 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**

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	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**

H3.3G34W - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

H3.3G34W - Images