

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	

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 and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of

Cellular Location

**histones, also called histone code, and
nucleosome remodeling.
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 Cytometry](#)
- [Cell Culture](#)

H3.3G34W - Images