10320 Camino Santa Fe, Suite G
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Histone H3.3 Polyclonal Antibody
Catalog # AP70353

Specification

Histone H3.3 Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IF**
Primary Accession	P84243
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**

Histone H3.3 Polyclonal Antibody - Additional Information

Gene ID 3020;3021

Other Names
H3F3A; H3.3A; H3F3; PP781; H3F3B; H3.3B; Histone H3.3

Dilution
WB~~1:1000
IHC-P~~N/A
IF~~1:50~200

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

Histone H3.3 Polyclonal Antibody - 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

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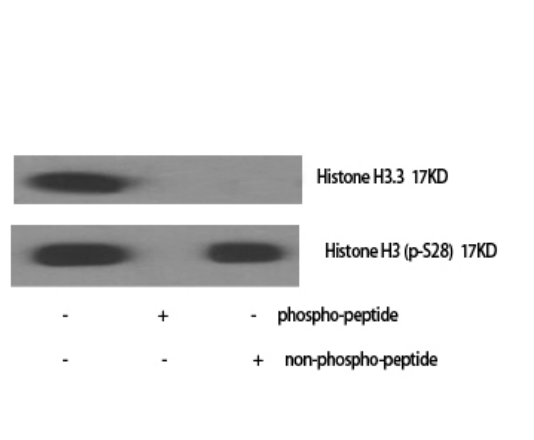
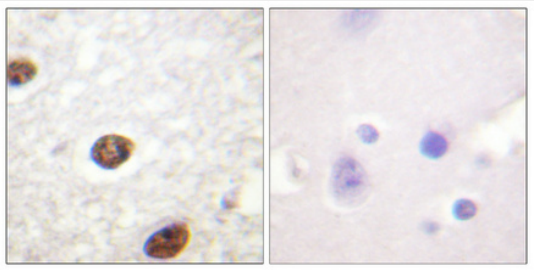
Histone H3.3 Polyclonal Antibody - Protocols

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

Histone H3.3 Polyclonal Antibody - Images





Histone H3.3 Polyclonal Antibody - Background

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