

Phospho-Histone H3.3-S31 Rabbit mAb

Catalog No.: AP1296 Recombinant

Basic Information

Observed MW

15kDa

Calculated MW

15kDa

Category

Primary antibody

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat, Other (Wide Range
Predicted)

Clone/No. number

ARC2788

Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene contains introns and its mRNA is polyadenylated, unlike most histone genes. The protein encoded by this gene is a replication-independent histone that is a member of the histone H3 family. Pseudogenes of this gene have been identified on the X chromosome, and on chromosomes 5, 13 and 17.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

ELISA Recommended starting concentration is 1 μ g/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

3020

Swiss Prot

P84243

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

H3-3A; H3.3B; H3F3B; BRYLIB2; Phospho-Histone H3.3-S31

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

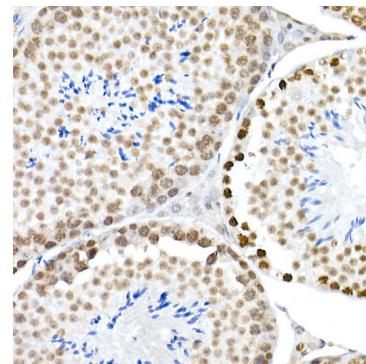
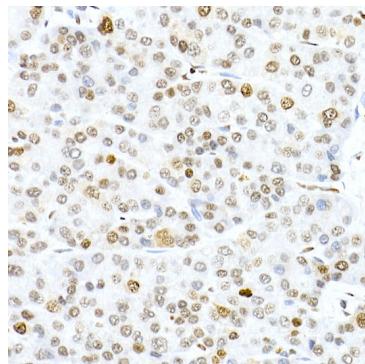
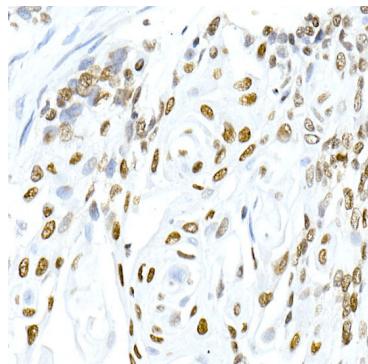
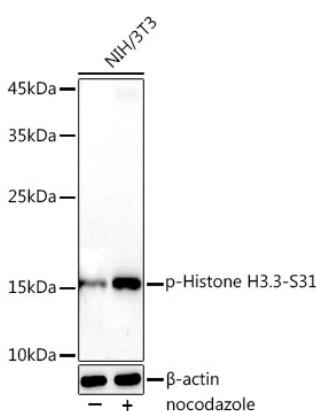
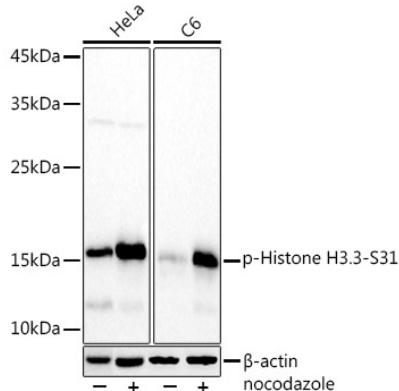
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

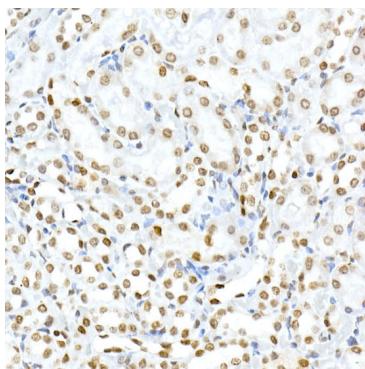
Validation Data



Antibody | Protein | ELISA Kits | Enzyme | NGS | Service

For research use only. Not for therapeutic or diagnostic purposes. Please visit <http://abclonal.com> for a complete listing of recommended products.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Rat kidney using Phospho-Histone H3.3-S31 Rabbit mAb (AP1296) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.