

Histone H3.3 Rabbit mAb

Catalog No.: A4835 **Recombinant**

Basic Information

Observed MW

17kDa

Calculated MW

15kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, ChIP, ChIP-seq

Cross-Reactivity

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

CloneNo number

ARC0255

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 is a replication-independent member of the histone H3 family.

Recommended Dilutions

WB 1:500 - 1:2000**IHC-P** 1:50 - 1:200**ChIP** 2µg antibody for
5µg-10µg of Chromatin**ChIP-seq** 1:50 - 1:200

Immunogen Information

Gene ID

3020

Swiss Prot

P84243

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 57-136 of human Histone H3.3 (P84243).

Synonyms

H3F3; H3-3B; H3.3A; H3F3A; BRYLIB1; Histone H3.3

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

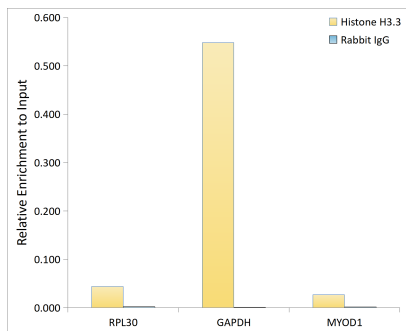
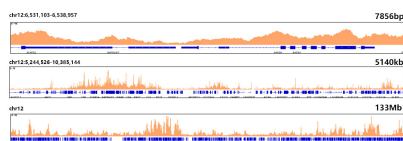
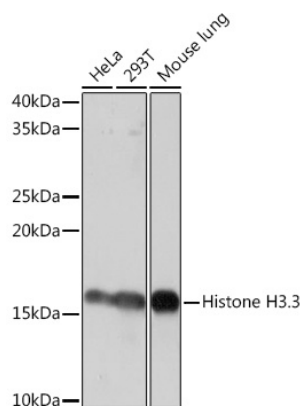
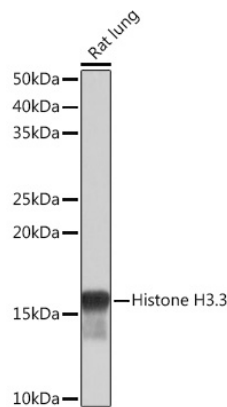
Affinity purification

Storage

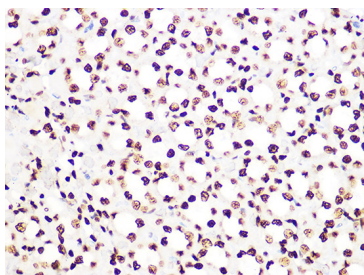
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

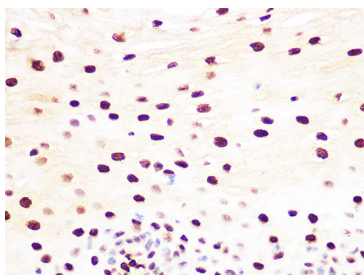
Validation Data



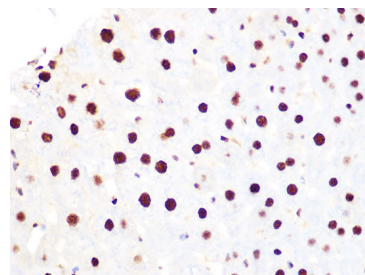
Validation Data



Immunohistochemistry analysis of Histone H3.3 in paraffin-embedded rat kidney using Histone H3.3 Rabbit mAb (A4835) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of Histone H3.3 in paraffin-embedded human esophageal using Histone H3.3 Rabbit mAb (A4835) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of Histone H3.3 in paraffin-embedded mouse liver using Histone H3.3 Rabbit mAb (A4835) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.