

A10880

Leader in Biomolecular Solutions for Life Science



Histone H3.3 Rabbit mAb

Catalog No.: A10880

Recombinant

1 Publications

Basic Information

Observed MW

15kDa

Calculated MW

15kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

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

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 - 1:1000

IHC-P 1:500 - 1:1000

IF/ICC 1:100 - 1:500

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

Immunogen Information

Gene ID
3020

Swiss Prot
P84243

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

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

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

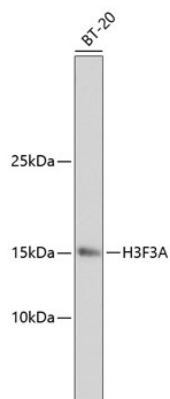
Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Contact

 www.abclonal.com

Validation Data



Western blot analysis of lysates from BT-20 cells, using Histone H3.3 Rabbit mAb (A10880).

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.