

Rabbit anti-Human Histone H3.3-T3 Monoclonal Antibody | anti-H3-3A antibody

Phospho-Histone H3.3-T3 Rabbit mAb

CATALOG # AAA283131	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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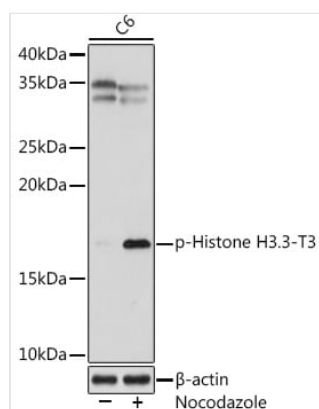
PRODUCT SYNONYMS

Histone H3.3-T3; Monoclonal Antibody; Phospho-Histone H3.3-T3 Rabbit mAb; H3F3; H3-3B; H3.3A; H3F3A; BRYLIB1; Phospho-Histone H3.3-T3; anti-H3-3A antibody

PRODUCT SPECIFICATIONS

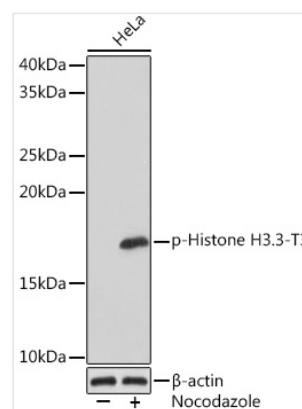
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MARTK
Applicable Applications for anti-H3-3A antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat, Other (Wide Range Predicted)
Immunogen	A synthetic phosphorylated peptide around T3 of human Histone H3 (P84243).
Modification	Phospho T3
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



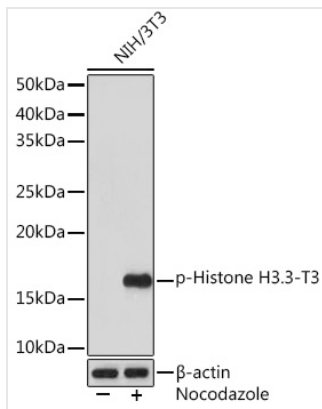
WB (Western Blot)

Western blot analysis of lysates from C6 cells, using Phospho-Histone H3.3-T3 Rabbit mAb (AAA283131) at 1:1000 dilution. C6 cells were treated by Nocodazole (50 ng/mL) at 37° for 20 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.



WB (Western Blot)

Western blot analysis of lysates from HeLa cells, using Phospho-Histone H3.3-T3 Rabbit mAb (AAA283131) at 1:1000 dilution. HeLa cells were treated by nocodazole (50 ng/mL) at 37° for 20 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



WB (Western Blot)

Western blot analysis of lysates from NIH/3T3 cells, using Phospho-Histone H3.3-T3 Rabbit mAb (AAA283131) at 1:1000 dilution. NIH/3T3 cells were treated by Nocodazole (50 ng/mL) at 37° for 20 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Enhanced Kit (RM00021). Exposure time: 3min.

ADDITIONAL INFORMATION

Related Product Information for anti-H3-3A antibody	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.
Product Categories/Family for anti-H3-3A antibody	Chromatin structure regulation ; Histone H3 phosphorylated ; Phosphorylated Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504299
NCBI GeneID	8290/8350
NCBI Accession #	NP_003484.1
NCBI GenBank Nucleotide #	NM_003493.2
UniProt Accession #	Q16695 ; P68431
Molecular Weight	Calculated MW: 15kDa Observed MW: 16kDa
UniProt Protein Name	Histone H3.1t
UniProt Gene Name	HIST3H3
UniProt Synonym Gene Names	H3FT; H3/t; H3t
UniProt Entry Name	H31T_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/histone-h33-t3-antibody-western-blot-elisa/283131>