

Rabbit anti-Human HIST3H3 Polyclonal Antibody | anti-HIST3H3 antibody

HIST3H3 Antibody (Center)

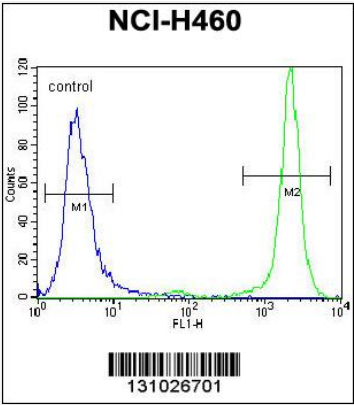
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283662	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

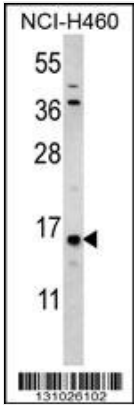
HIST3H3; Polyclonal Antibody; HIST3H3 Antibody (Center); Histone H31t; H3/t; H3t; H3/g; H3FT; anti-HIST3H3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HIST3H3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 50-78 amino acids from the Central region of human HIST3H3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.46 (varies by lot)
Sequence Positions	50-78
Sequence Length	136
Applicable Applications for anti-HIST3H3 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
HIST3H3 Antibody (Center) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
HIST3H3 Antibody (Center) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the HIST3H3 antibody detected the HIST3H3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HIST3H3 antibody	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq].
References	Tachiwana, H., et al. Proc. Natl. Acad. Sci. U.S.A. 107(23):10454-10459(2010) Nair, S.S., et al. EMBO Rep. 11(6):438-444(2010) Rampakakis, E., et al. J. Cell. Biochem. 108(2):400-407(2009) Mochizuki, K., et al. Biochem. Biophys. Res. Commun. 371(2):324-327(2008) Meyer, K.D., et al. EMBO J. 27(10):1447-1457(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504299
NCBI GeneID	8290
NCBI Accession #	NP_003484.1
NCBI GenBank Nucleotide #	NM_003493.2
UniProt Accession #	Q16695; Q6FGU4; B2R5K3
Molecular Weight	15508
NCBI Official Full Name	histone H3.1t
NCBI Official Synonym Full Names	histone cluster 3, H3
NCBI Official Symbol	HIST3H3
NCBI Official Synonym Symbols	H3t; H3.4; H3/g; H3FT

NCBI Protein Information	histone H3.1t
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://www.aaabiotech.com/polyclonal/hist3h3-antibody-flow-cytometry-western-blot-elisa/283662>