

Rabbit anti-Human, mouse H4-K20 Polyclonal Antibody | anti-HIST1H4A antibody

H4-K20 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288971	Rabbit	Human, mouse	ELISA, Western Blot

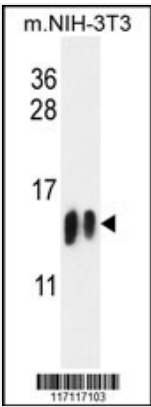
PRODUCT SYNONYMS

H4-K20; Polyclonal Antibody; H4-K20 Antibody (N-term); Histone H4; HIST1H4A; H4/A; H4FA; anti-HIST1H4A antibody

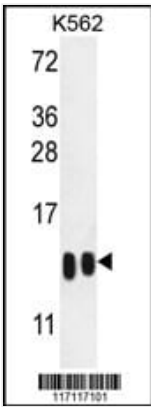
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This H4-K20 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human H4-K20.
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: 0.35 (varies by lot)
Sequence Positions	1-30
Sequence Length	103
Applicable Applications for anti-HIST1H4A antibody	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.

IMAGES



WB (Western Blot)
H4-K20 Antibody (N-term) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane).This demonstrates the H4 antibody detected the H4-K20 (arrow). From left to right,the Sample Lot# is SA090513AM?SA090513AN.



WB (Western Blot)
H4-K20 Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the H4 antibody detected the H4-K20(arrow). From left to right,the Sample Lot# is SA090513AM?SA090513AN.

ADDITIONAL INFORMATION

Related Product Information for anti-HIST1H4A antibody	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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.
References	Yan,D., et.al., Biochem. J. 408 (1), 113-121 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	77539758
NCBI GeneID	554313
NCBI Accession #	NP_001029249.1; NP_003486.1; NP_003529.1; NP_003530.1; NP_003531.1; NP_003532.1; NP_003533.1; NP_003534.1; NP_003535.1; NP_003536.1; NP_003537.1; NP_003539.1; NP_068803.1; NP_778224.1
NCBI GenBank Nucleotide #	NM_001034077.4
UniProt Accession #	P62805; P02304; P02305; Q6DRA9; Q6FGB8; Q6NWP7; A2VCL0
Molecular Weight	11367
NCBI Official Full Name	histone H4
NCBI Official Synonym Full Names	histone cluster 2 H4 family member b
NCBI Official Symbol	HIST2H4B
NCBI Official Synonym Symbols	H4/o
NCBI Protein Information	histone H4
UniProt Protein Name	Histone H4
UniProt Gene Name	HIST1H4A
UniProt Synonym Gene Names	H4/A; H4FA
UniProt Entry Name	H4_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.

