

Rabbit HIST1H1E Polyclonal Antibody | anti-HIST1H1E antibody

HIST1H1E Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289660	Rabbit	Human (Predicted Reactivity: Rabbit)	Immunohistochemistry, ELISA, Western Blot

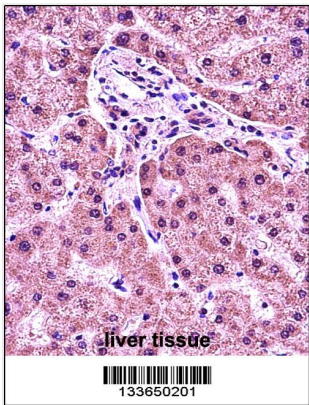
PRODUCT SYNONYMS

HIST1H1E; Polyclonal Antibody; HIST1H1E Antibody (N-term); Histone H14; Histone H1b; Histone H1s-4; H1F4; anti-HIST1H1E antibody

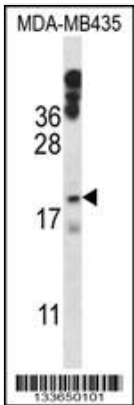
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Rabbit)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HIST1H1E antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human HIST1H1E.
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: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	219
Applicable Applications for anti-HIST1H1E antibody	IHC (Immunohistochemistry), 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



IHC (Immunohiostchemistry)
HIST1H1E Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of HIST1H1E Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
HIST1H1E Antibody (N-term) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the HIST1H1E antibody detected the HIST1H1E protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HIST1H1E antibody	Histones are basic nuclear proteins responsible for 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 is intronless and encodes a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6.
References	Trojer, P., et al. J. Biol. Chem. 284(13):8395-8405(2009) Lee, C.Z., et al. Virology 375(1):197-204(2008) Trojer, P., et al. Cell 129(5):915-928(2007) Wu, C., et al. Proteomics 7(11):1775-1785(2007) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885379
NCBI GeneID	3008
NCBI Accession #	NP_005312.1
NCBI GenBank Nucleotide #	NM_005321.2
UniProt Accession #	P10412; Q4VB25
Molecular Weight	21865
NCBI Official Full Name	histone H1.4
NCBI Official Synonym Full Names	histone cluster 1, H1e
NCBI Official Symbol	HIST1H1E
NCBI Official Synonym Symbols	H1E; H1.4; H1F4; H1s-4; dJ221C16.5
NCBI Protein Information	histone H1.4

UniProt Protein Name	Histone H1.4
UniProt Gene Name	HIST1H1E
UniProt Synonym Gene Names	H1F4
UniProt Entry Name	H14_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/polyclonal/hist1h1e-antibody-immunohistochemistry-western-blot-elisa/289660>