

Rabbit anti-Human HIST1H1E Polyclonal Antibody | anti-HIST1H1E antibody

HIST1H1E (Ab-45) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA235316	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

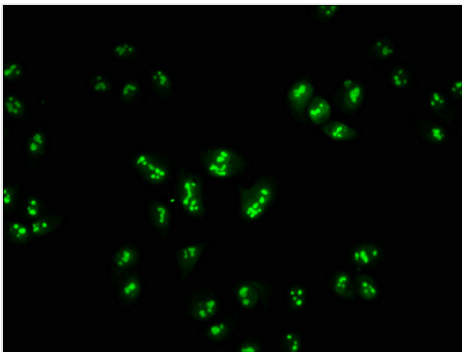
PRODUCT SYNONYMS

HIST1H1E; Polyclonal Antibody; HIST1H1E (Ab-45) Antibody; Histone H1.4; Histone H1b; Histone H1s-4; H1F4; anti-HIST1H1E antibody

PRODUCT SPECIFICATIONS

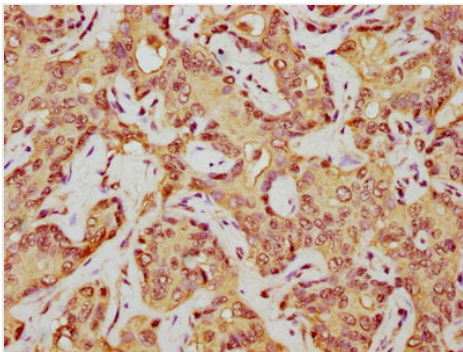
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	219
Applicable Applications for anti-HIST1H1E antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	Peptide sequence around site of Acetyl-Lys (45) derived from Human Histone H1.4
Conjugate	Non-Conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



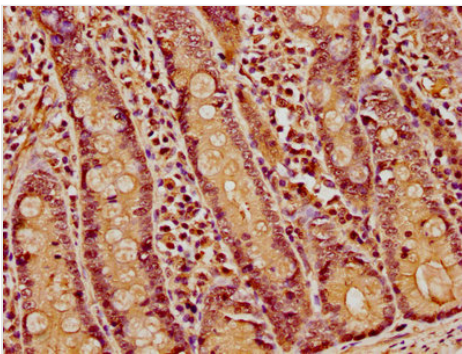
IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with CSB-PA010380OA45nacHU at 1:2.5, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



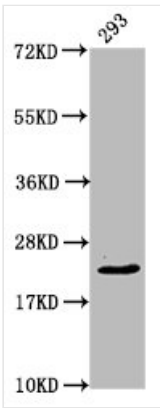
IHC (Immunohistochemisry)

IHC image of CSB-PA010380OA45nacHU diluted at 1:5 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohiostchemistry)

IHC image of CSB-PA010380OA45nacHU diluted at 1:5 and staining in paraffin-embedded human small intestine tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: 293 whole cell lysateAll lanes: HIST1H1E antibody at 0.94ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 22 kDaObserved band size: 22 kDa

ADDITIONAL INFORMATION

Product Categories/Family for anti-HIST1H1E antibody	Epigenetics and Nuclear Signaling
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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	21,865 Da
NCBI Official Full Name	histone H1.4
NCBI Official Synonym Full Names	histone cluster 1 H1 family member e
NCBI Official Symbol	HIST1H1E

NCBI Official Synonym Symbols	H1E; H1.4; H1F4; RMNS; 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

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-immunofluorescence-immunohistochemistry-western-blot-elisa/235316>