

Rabbit Histone H1.3+Histone H1.4 Monoclonal Antibody | anti-HIST1H1E antibody

Histone H1.3 (Phospho-T17)+Histone H1.4 (Phospho-T17) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA310995	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot

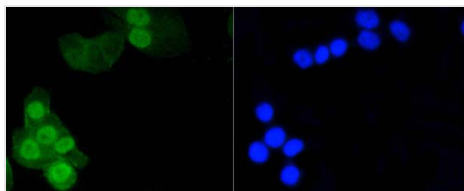
PRODUCT SYNONYMS

Histone H1.3+Histone H1.4; Monoclonal Antibody; Histone H1.3 (Phospho-T17)+Histone H1.4 (Phospho-T17) Antibody; Histone H1.3 Histone H1c Histone H1s-2 HIST1H1DH1F3 Histone H1.4 Histone H1b Histone H1s-4 HIST1H1EH1F4; anti-HIST1H1E antibody

PRODUCT SPECIFICATIONS

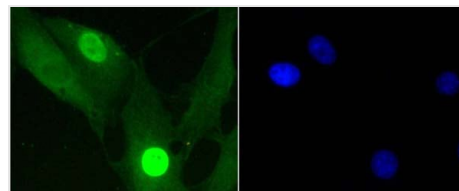
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SR38-03
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-HIST1H1E antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Thr17 of human H1.4.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



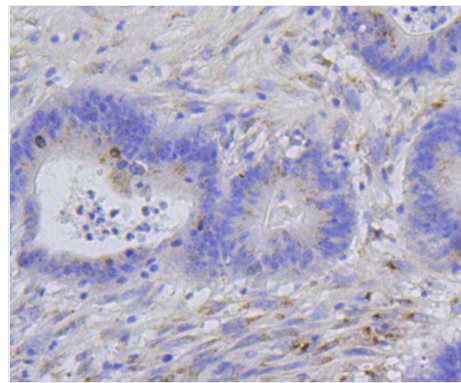
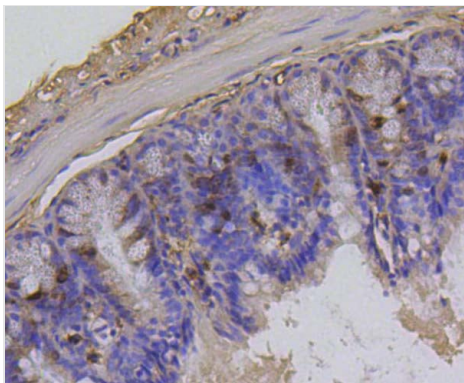
ICC (Immunocytochemistry)

ICC staining Phospho-Histone H1.3 (T17)+Histone H1.4 (T17) in CRC cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Phospho-Histone H1.3 (T17)+Histone H1.4 (T17) in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

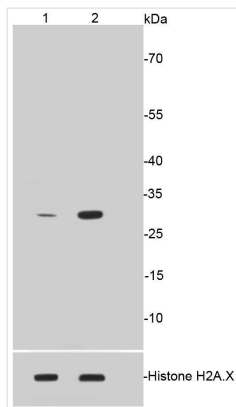


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse colon cancer tissue using anti-Phospho-Histone H1.3 (T17)+Histone H1.4 (T17) antibody. Counter stained with hematoxylin.

IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-Phospho-Histone H1.3 (T17)+Histone H1.4 (T17) antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of Phospho-Histone H1.3 (T17)+Histone H1.4 (T17) on CRC cell lysates using anti-Phospho-Histone H1.3 (T17)+Histone H1.4 (T17) antibody at 1/500 dilution. Positive control: Lane 1: Untreated CRC whole cell lysates Lane2: CRC cells treated with 1.5ug/ml Colcemid for 12 hours whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-HIST1H1E antibody

Eukaryotic histones are basic and water soluble nuclear proteins that form hetero-octameric nucleosome particles by wrapping 146 base pairs of DNA in a left-handed super-helical turn sequentially to form chromosomal fiber. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form the octamer; formed of two H2A-H2B dimers and two H3-H4 dimers, forming two nearly symmetrical halves by tertiary structure. Over 80% of nucleosomes contain the linker Histone H1, derived from an intronless gene, that interacts with linker DNA between nucleosomes and mediates compaction into higher order chromatin. Histones are subject to posttranslational modification by enzymes primarily on their N-terminal tails, but also in their globular domains. Such modifications include methylation, citrullination, acetylation, phosphorylation, sumoylation, ubiquitination and ADP-ribosylation.

Product Categories/Family for anti-HIST1H1E antibody

Phospho-specific Ab

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, H1e
NCBI Official Symbol	HIST1H1E
NCBI Official Synonym Symbols	H1E; H1.4; H1F4; H1s-4; dJ221C16.5
NCBI Protein Information	histone H1.4; histone H1b; histone 1, H1e; H1 histone family, member 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/monoclonal/histone-h13histone-h14-antibody-clone-sr38-03-immunohistochemistry-immunofluorescence-immunocytochemistry-western-blot-elisa/310995>