

Anti-HIST1H1C Antibody (3S922)

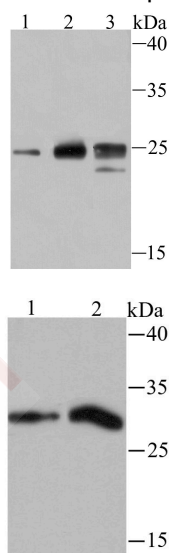
Product Details

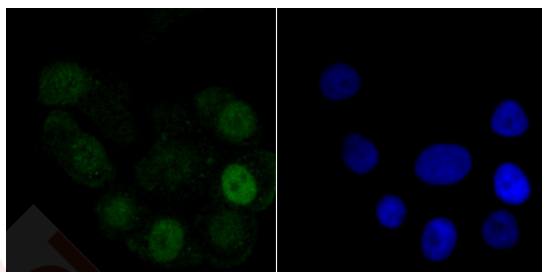
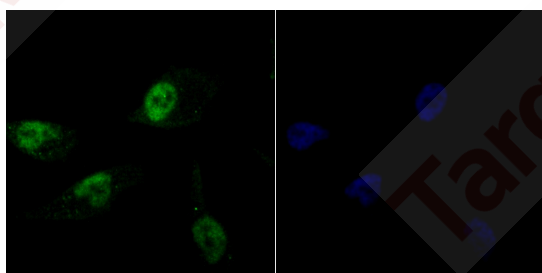
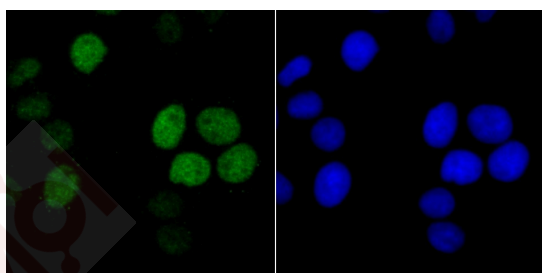
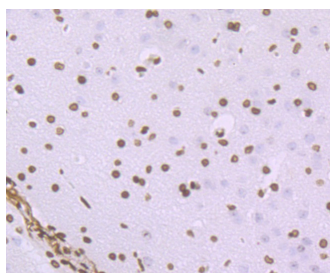
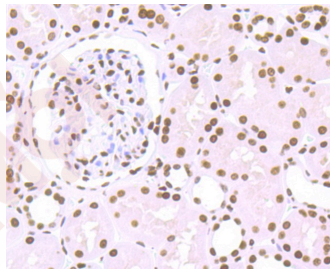
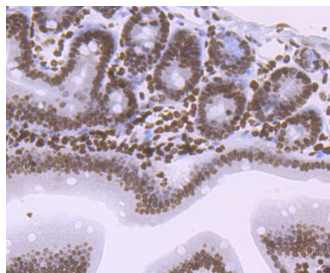
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 29 kDa.
Clone:	3S922
Purification:	ProA affinity purified

Applications

1. Western blot analysis of Histone H1.2 on different cell lysates using anti-Histone H1.2 antibody at 1/500 dilution. Positive control: Lane 1: Hela, Lane 2: 293, Lane 3: MCF-7.
2. Western blot analysis of Histone H1.2 on Rat liver and Mouse lung tissue lysates using anti-Histone H1.2 antibody at 1/500 dilution.
3. Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-Histone H1.2 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6) for 20 mins. Counter stained with hematoxylin.
4. Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Histone H1.2 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6) for 20 mins. Counter stained with hematoxylin.
5. Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-Histone H1.2 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6) for 20 mins. Counter stained with hematoxylin.
6. ICC staining Histone H1.2 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
7. ICC staining Histone H1.2 in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
8. ICC staining Histone H1.2 in SK-Br-3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Verified Activity:





Application: CHIP, ICC, IF, IHC, WB

Recommended WB: 1:500-2000; IHC: 1:50-200; ICC: 1:50-100

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: P16403

Synonyms: Histone H1.2;H1F2;Histone H1d;Histone H1s-1;Histone H1c

Research Background

Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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