

Histone H3S10ph (phospho Ser10) antibody

Cat. No. GTX128116

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Wm, IP, ChIP assay
Reactivity	Human, Mouse, Rat, Zebrafish, Bovine

References (11)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Wm	1:100-1:500
IP	1:100-1:500
ChIP assay	Assay dependent

Not tested in other applications.

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.19 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Ser10 of human Histone H3. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



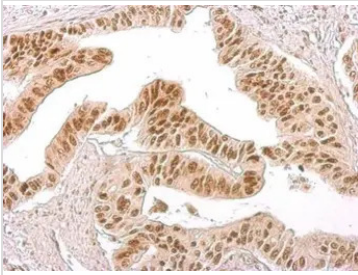
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Note

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DATA IMAGES



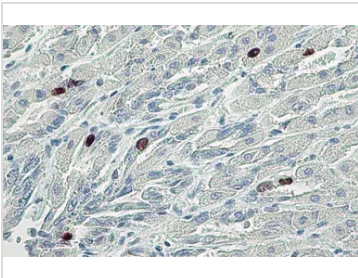
GTx128116 IHC-P Image

Histone H3 (phospho Ser10) antibody detects HIST1H3A protein at nucleus on human gastric cancer by immunohistochemical analysis.

Sample: Paraffin-embedded gastric cancer.

Histone H3 (phospho Ser10) antibody (GTx128116) dilution: 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



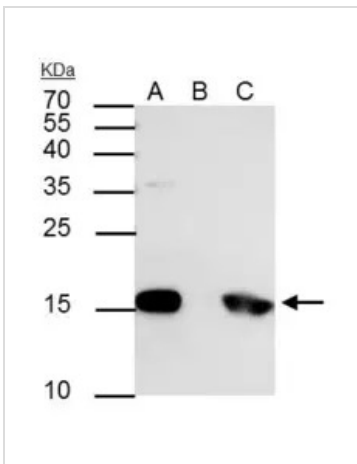
GTx128116 IHC-P Image

Histone H3S10ph (phospho Ser10) antibody detects Histone H3S10ph (phospho Ser10) protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded mouse stomach.

Histone H3S10ph (phospho Ser10) stained by Histone H3S10ph (phospho Ser10) antibody (GTx128116) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTx128116 IP Image

Histone H3S10ph (phospho Ser10) antibody immunoprecipitates HIST1H3B protein in IP experiments.

IP samples: 293T whole cell extract treat with 100ng/ml Nocodazole for 24 hr

A. 30 µg 293T whole cell extract treat with 100ng/ml Nocodazole for 24 hr

B. Control with 4 µg of preimmune Rabbit IgG

C. Immunoprecipitation of HIST1H3B protein by 4 µg Histone H3S10ph (phospho Ser10) antibody (GTx128116)

15 % SDS-PAGE

The immunoprecipitated HIST1H3B protein was detected by Histone H3S10ph (phospho Ser10) antibody (GTx128116) diluted at 1:1000.

[EasyBlot anti-rabbit IgG (GTx221666-01) was used as a secondary reagent]



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