

## Histone H3S10ph (phospho Ser10) antibody

**Cat. No. GTX128116**

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

Reference ( 7 )

Package

100 µl, 25 µl

## APPLICATION

**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

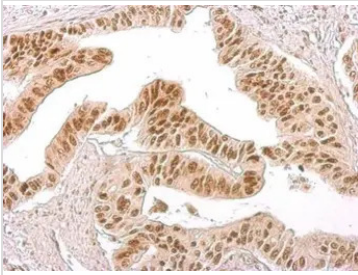
<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid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

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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

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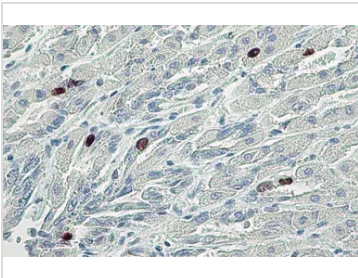
**DATA IMAGES**

**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

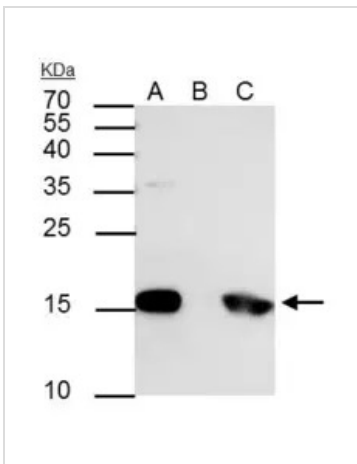

**GTx128116 IHC-P Image**

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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