

## SATB1 antibody [C2C3], C-term

## Cat. No. GTX114738

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

References ( 1 )

Package

100 µl, 25 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:10000
ICC/IF	Assay dependent
IHC-P	1:100-1:1000
IP	1:100-1:500
ChIP assay	Assay dependent

Not tested in other applications.

Calculated MW 86 kDa. ( [Note](#) )

## 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	0.36 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human SATB1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



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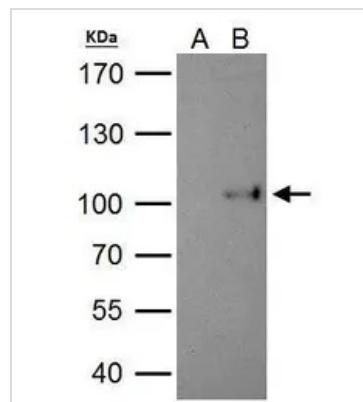
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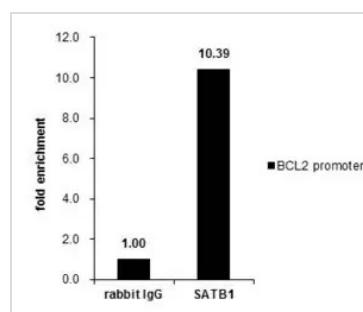
**Note**

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## DATA IMAGES

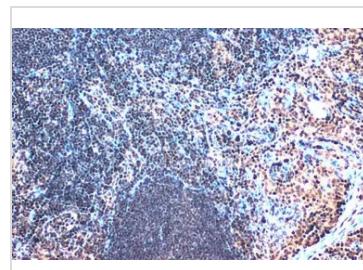
**GTX114738 IP Image**

SATB1 antibody immunoprecipitates SATB1 protein in IP experiments. IP Sample: 293T whole cell lysate/extract A. Control with 2 µg of preimmune rabbit IgG B. Immunoprecipitation of SATB1 protein by 2 µg of SATB1 antibody (GTX114738) 7.5% SDS-PAGE The immunoprecipitated SATB1 protein was detected by SATB1 antibody (GTX114738) diluted at 1:1000. EasyBlot anti-rabbit IgG (GTX221666-01) was used as a secondary reagent.

**GTX114738 ChIP assay Image**

Cross-linked ChIP was performed with Jurkat chromatin extract and 5 µg of either control rabbit IgG or anti-SATB1 antibody. The precipitated DNA was detected by PCR with primer set targeting to BCL2 promoter.

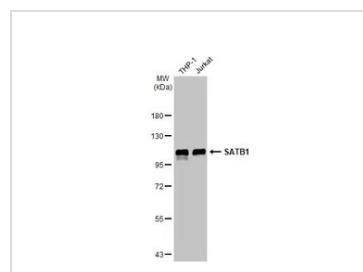
ChIP experiment and primer designs are based on [Nucleic Acids Res. 2011 Jun;39\(11\):4640-52.](https://doi.org/10.1093/nar/gkq440)

**GTX114738 IHC-P Image**

SATB1 antibody [C2C3], C-term detects SATB1 protein at nucleus by immunohistochemical analysis. Sample: Paraffin-embedded mouse lymph node.

SATB1 stained by SATB1 antibody [C2C3], C-term (GTX114738) diluted at 1:500.

Antigen Retrieval: Citrate

**GTX114738 WB Image**

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with SATB1 antibody [C2C3], C-term (GTX114738) diluted at 1:40000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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