

# SATB1 Rabbit pAb

Catalog No.: A5800 **3 Publications**

## Basic Information

### Observed MW

100kDa

### Calculated MW

86kDa

### Category

Primary antibody

### Applications

WB,IHC-P,IF/ICC,IP,ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a matrix protein which binds nuclear matrix and scaffold-associating DNAs through a unique nuclear architecture. The protein recruits chromatin-remodeling factors in order to regulate chromatin structure and gene expression.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:1000
<b>IHC-P</b>	1:50 - 1:200
<b>IF/ICC</b>	1:50 - 1:200
<b>IP</b>	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Contact

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## Immunogen Information

### Gene ID

6304

### Swiss Prot

Q01826

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 572-763 of human SATB1 (NP\_002962.1).

### Synonyms

DEFDA; KTZSL; SATB1

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

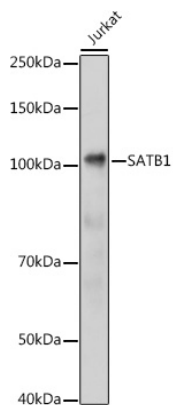
Affinity purification

### Storage

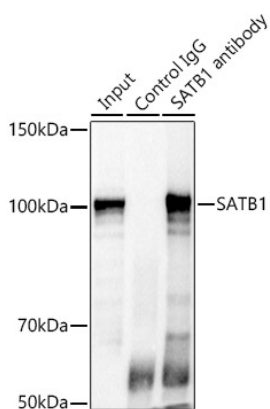
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

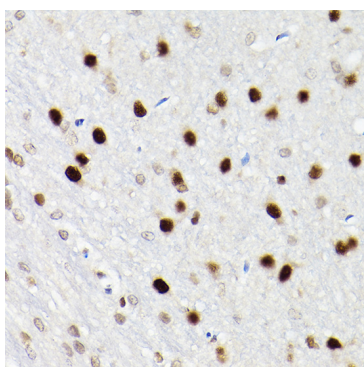
## Validation Data



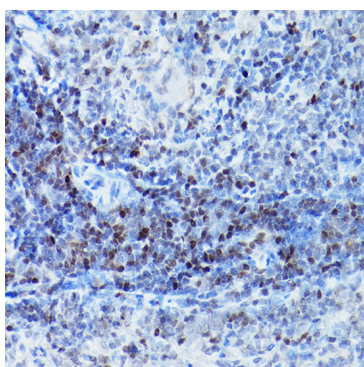
Western blot analysis of lysates from Jurkat cells, using SATB1 Rabbit pAb (A5800) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



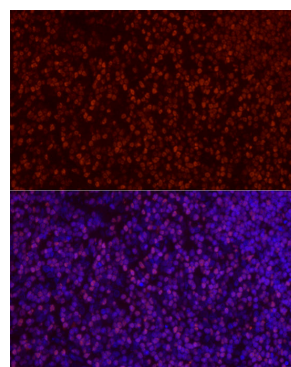
Immunoprecipitation analysis of 300 µg extracts of Jurkat cells using 3 µg SATB1 antibody (A5800). Western blot was performed from the immunoprecipitate using SATB1 antibody (A5800) at a dilution of 1:500.



Immunohistochemistry analysis of paraffin-embedded Rat brain using SATB1 Rabbit pAb (A5800) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat spleen using SATB1 Rabbit pAb (A5800) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of paraffin-embedded rat thymus using SATB1 Rabbit pAb (A5800) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.