

SATB1 Rabbit pAb

Catalog NO.: A5800 **3 Publications**

Basic Information

Observed MW

100 kDa

Calculated MW

86 kDa

Category

Polyclonal Antibodies

Applications

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

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

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

WB 1:500 - 1:5000

IP
0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

IF-P 1:50 - 1:200
IHC-P 1:50 - 1:200

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Contact

Immunogen Information

Gene ID	Swiss Prot
6304	Q01826

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

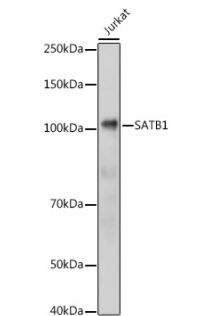
Synonyms
DEFDA; KTZSL; SATB1

Product Information

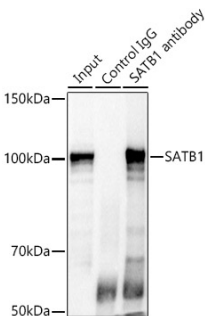
☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

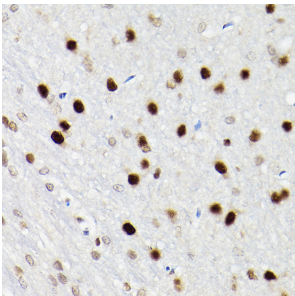
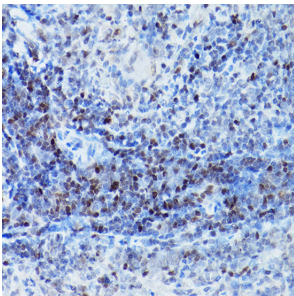
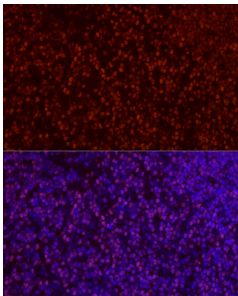
Validation Data



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 buffer (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 buffer (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.