

# SATB2 Rabbit mAb

Catalog No.: A19837 **Recombinant**

## Basic Information

### Observed MW

100kDa

### Calculated MW

83kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P, IP

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC2363

## Background

This gene encodes a DNA binding protein that specifically binds nuclear matrix attachment regions. The encoded protein is involved in transcription regulation and chromatin remodeling. Defects in this gene are associated with isolated cleft palate and cognitive disability. Alternate splicing results in multiple transcript variants that encode the same protein.

## Recommended Dilutions

**WB** 1:100 - 1:500

**IHC-P** 1:50 - 1:200

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

## Immunogen Information

### Gene ID

23314

### Swiss Prot

Q9UPW6

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 200-300 of human SATB2 (Q9UPW6).

### Synonyms

GLSS; DEL2Q32Q33; C2DELq32q33; SATB2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

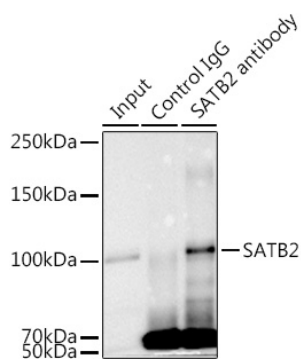
Affinity purification

### Storage

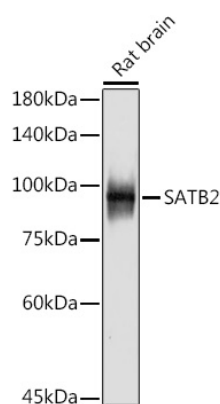
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

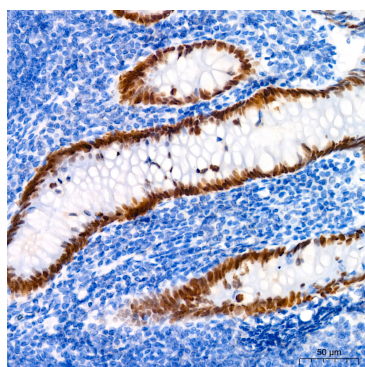
## Validation Data



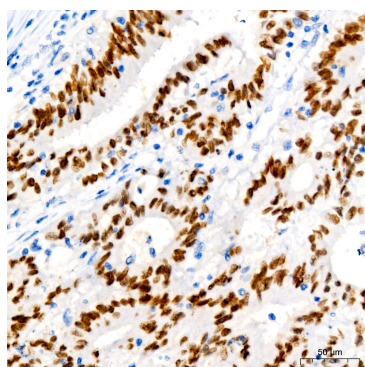
Immunoprecipitation analysis of 300 µg extracts of K-562 cells using 3 µg SATB2 antibody (A19837). Western blot was performed from the immunoprecipitate using SATB2 antibody (A19837) at a dilution of 1:1000.



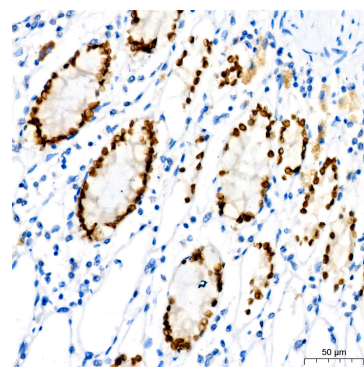
Western blot analysis of lysates from Rat brain, using SATB2 Rabbit mAb (A19837) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



Immunohistochemistry analysis of SATB2 in paraffin-embedded human appendix using SATB2 Rabbit mAb (A19837) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of SATB2 in paraffin-embedded human colon carcinoma using SATB2 Rabbit mAb (A19837) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of SATB2 in paraffin-embedded human colon using SATB2 Rabbit mAb (A19837) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.