

SATB2 Rabbit mAb

Catalog No.: A20220 **Recombinant**

Basic Information

Observed MW

100kDa

Calculated MW

83kDa

Category

Primary antibody

Applications

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

Cross-Reactivity

Human, Mouse

CloneNo number

ARC50977

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 1:2000 - 1:10000

IHC-P 1:1000 - 1:5000

IF/ICC 1:50 - 1:200

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

ELISA 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

23314

Swiss Prot

Q9UPW6

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 634-733 of human SATB2 (NP_001165980.1).

Synonyms

GLSS; DEL2Q32Q33; C2DELq32q33; SATB2

Product Information

Source

Rabbit

Isotype

IgG

Purification

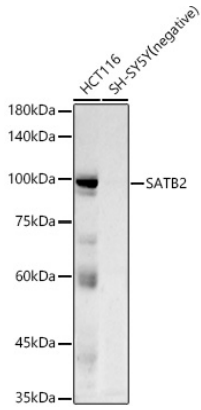
Affinity purification

Storage

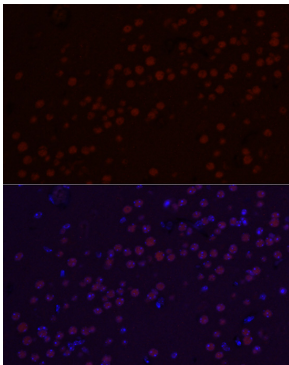
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

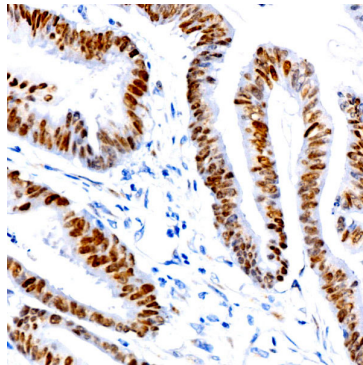
Validation Data



Western blot analysis of various lysates using SATB2 Rabbit mAb (A20220) at 1:10000 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: 90s.



Immunofluorescence analysis of paraffin-embedded Mouse brain using SATB2 Rabbit mAb (A20220) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Human colon using SATB2 Rabbit mAb (A20220) at dilution of 1:2500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.