SATB2 Rabbit mAb

Catalog No.: A20220 Recombinant



Basic Information

Observed MW

100kDa

Calculated MW

83kDa

Category

Primary antibody

Applications

WB,IF-P,IHC-P,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

IF-P 1:200 - 1:800

IHC-P 1:8000 - 1:40000

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 ID23314

Swiss Prot
Q9UPW6

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

GLSS; DEL2Q32Q33; C2DELq32q33; SATB2

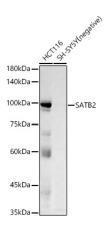
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

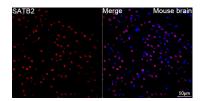


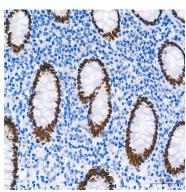
Western blot analysis of various lysates using SATB2 Rabbit mAb (A20220) at1:10000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

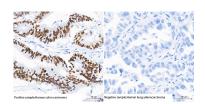
Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020).

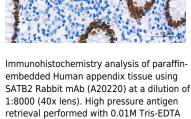
Exposure time: 90s.





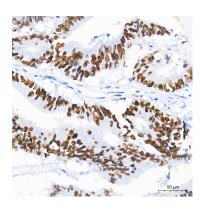


Confocal imaging of paraffin-embedded Mouse brain tissue using SATB2 Rabbit mAb (A20220, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

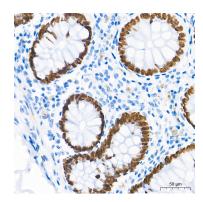


Buffer (pH 9.0) prior to IHC staining.

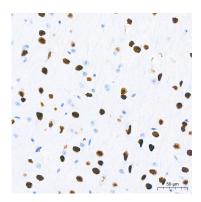
Immunohistochemistry analysis of paraffinembedded Human colon carcinoma(positive) and lung adenocarcinoma(negative) tissue using SATB2 Rabbit mAb (A20220) at a dilution of 1:8000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human colon carcinoma tissue using SATB2 Rabbit mAb (A20220) at a dilution of 1:8000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human colon tissue using SATB2 Rabbit mAb (A20220) at a dilution of 1:8000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse brain tissue using SATB2 Rabbit mAb (A20220) at a dilution of 1:8000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.