SATB2 Rabbit mAb

Catalog NO.: A19837 Recombinant

Basic Information

Observed MW
100 kDa

Calculated MW
83 kDa

Category
Monoclonal Antibodies

Applications
WB, IHC-P, IP, ELISA

Cross-Reactivity
Human, Mouse, Rat

Conjugation
Unconjugated

Clone 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	1:1000 - 1:2000
IHC-P	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.

Immunogen Information

Gene ID
23314

Swiss Prot
Q9UPW6

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

Synonyms
GLSS; DEL2Q32Q33; C2DELq32q33; SATB2

Contact

Product Information

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

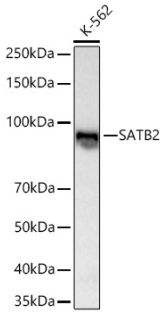
Source
Rabbit

Isotype
IgG

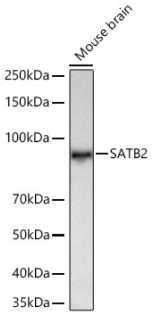
Purification
Affinity purification

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.

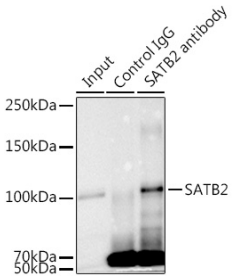
Validation Data



Western blot analysis of lysates from K-562 cells using SATB2 Rabbit mAb (A19837) at 1:1000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.

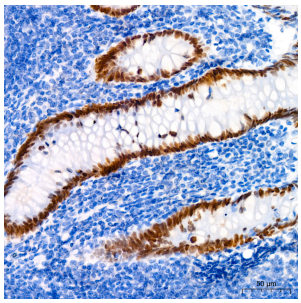


Western blot analysis of lysates from Mouse brain using SATB2 Rabbit mAb (A19837) at 1:1000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.

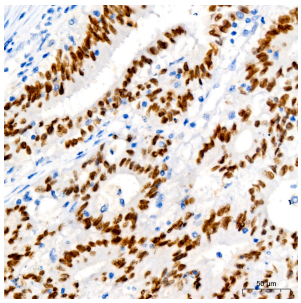


Immunoprecipitation analysis of 300 µg extracts of K-562 cells using 3 µg SATB2 antibody (A19837). Western blot was performed from the immunoprecipitate using SATB2 antibody (A19837) at a dilution of 1:1000.

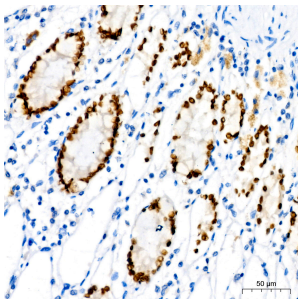
Validation Data



Immunohistochemistry analysis of paraffin-embedded Human appendix using SATB2 Rabbit mAb (A19837) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using SATB2 Rabbit mAb (A19837) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon using SATB2 Rabbit mAb (A19837) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.

For research use only. Not for therapeutic or diagnostic purposes.

Please visit **https://abclonal.com** for a complete list of recommended products.