

# Product Datasheet

## SATB2 Antibody (CL0320) - BSA Free NBP2-52914

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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**NBP2-52914**

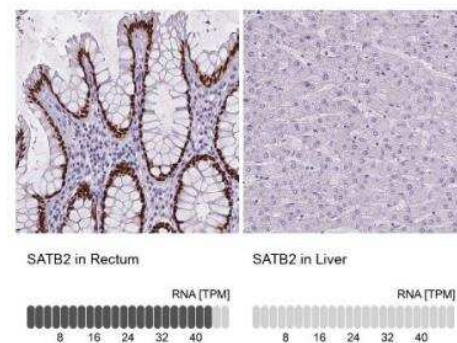
SATB2 Antibody (CL0320) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0320
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Mouse SATB2 Antibody (CL0320) - BSA Free (NBP2-52914) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	23314
Gene Symbol	SATB2
Species	Human, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was developed using a recombinant protein derived from Q9UPW6, with the exact immunogen sequence remaining proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

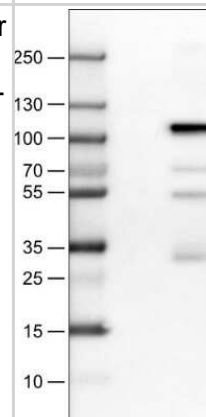


## Images

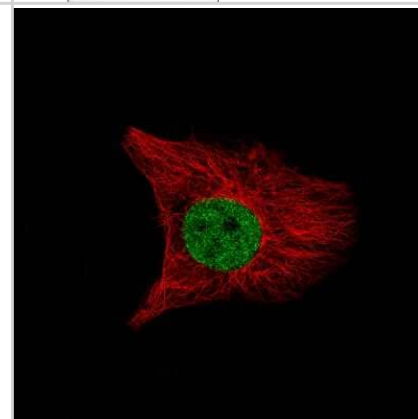
Immunohistochemistry-Paraffin: SATB2 Antibody (CL0320) [NBP2-52914] - nalysis in human rectum and liver tissues using NBP2-52914 antibody. Corresponding SATB2 RNA-seq data are presented for the same tissues.



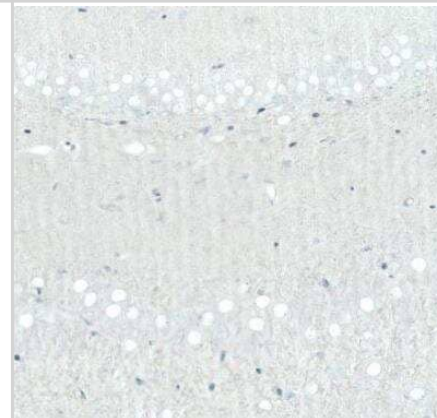
Western Blot: SATB2 Antibody (CL0320) [NBP2-52914] - Lane 1: Marker [kDa], Lane 2: Negative control (vector only transfected HEK293T lysate), Lane 3: SATB2 Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells)



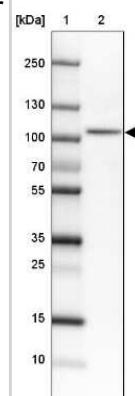
Immunocytochemistry/Immunofluorescence: SATB2 Antibody (CL0320) [NBP2-52914] - Staining of U-138 MG cells using the Anti-SATB2 monoclonal antibody, showing specific staining in the nucleoplasm in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



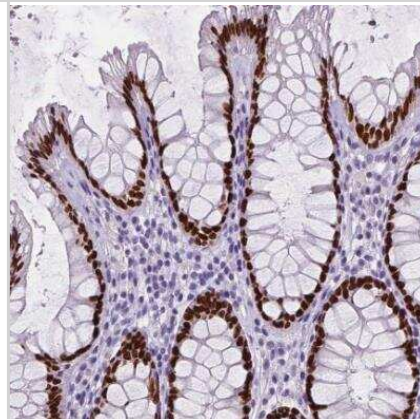
Immunohistochemistry-Paraffin: SATB2 Antibody (CL0320) [NBP2-52914] - Staining of rat hippocampus shows no positivity in neurons in dentate gyrus as expected.



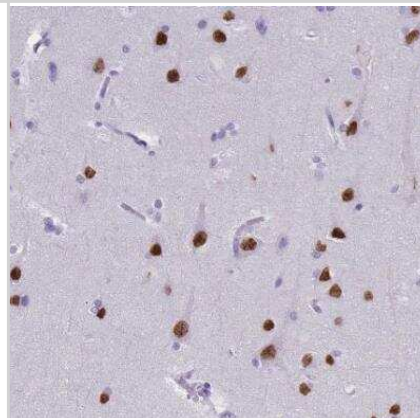
Western Blot: SATB2 Antibody (CL0320) [NBP2-52914] - Lane 1: Marker [kDa], Lane 2: Human cell line HELA



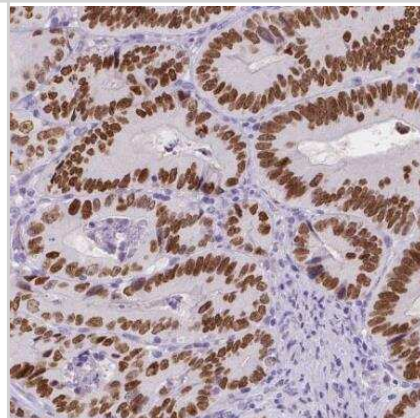
Immunohistochemistry-Paraffin: SATB2 Antibody (CL0320) [NBP2-52914] - Staining of human rectum shows strong nuclear positivity in glandular cells.



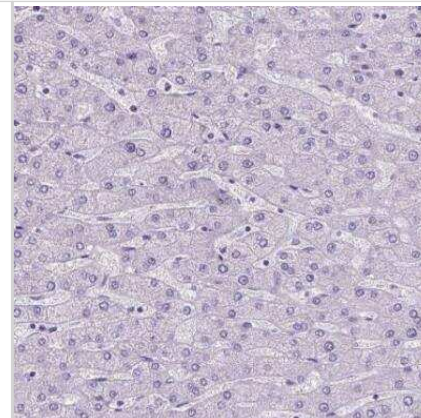
Immunohistochemistry-Paraffin: SATB2 Antibody (CL0320) [NBP2-52914] - Staining of human cerebral cortex shows strong nuclear positivity in neurons.



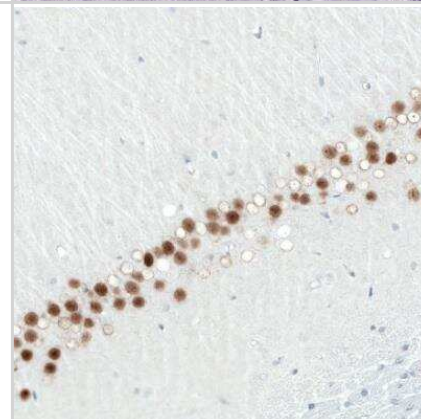
Immunohistochemistry-Paraffin: SATB2 Antibody (CL0320) [NBP2-52914] - Staining of human colorectal cancer shows strong nuclear positivity in tumor cells.



Immunohistochemistry-Paraffin: SATB2 Antibody (CL0320) [NBP2-52914] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: SATB2 Antibody (CL0320) [NBP2-52914] - Staining of rat hippocampus shows moderate to strong nuclear positivity in CA1 layer neurons.





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### **Products Related to NBP2-52914**

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NBP2-52914PEP	SATB2 Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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