

Product Datasheet

SATB1 Antibody NBP1-51960

Unit Size: 0.1 mg

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

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NBP1-51960

SATB1 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat SATB1 Antibody (NBP1-51960) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-SATB1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	6304
Gene Symbol	SATB1
Species	Human
Specificity/Sensitivity	Reported variants NP_001124482.1 and NP_002962.1 represent identical protein.
Immunogen	Peptide with sequence C-ESDEENRQKTRPRT corresponding to internal region according to NP_002962.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Immunohistochemistry 3 - 5 ug/ml, Immunohistochemistry-Paraffin 3 - 5 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Experiments gave bands at approx. 110 kDa band and 85 kDa band in MOLT4 lysates after 0.3ug/ml antibody staining. The observed 110 kDa band corresponds to earlier findings in scientific literature with different antibodies (PMID: 9548713). This protein has a calculated MW of 86.0 kDa band according to NP_002962.1. IHC-P: Human thymus shows select nuclear staining.

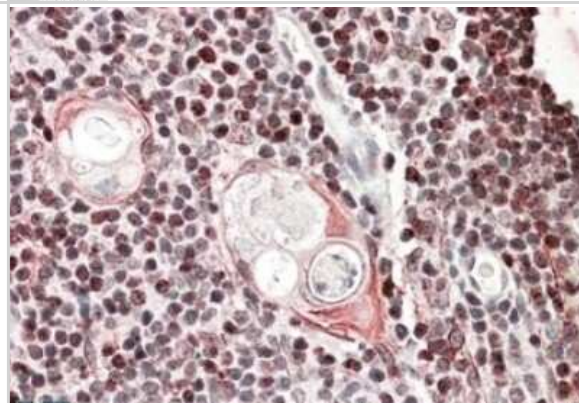


Images

Western Blot: SATB1 Antibody [NBP1-51960] - NBP1-51960 (0.3ug/ml) staining of MOLT4 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Immunohistochemistry-Paraffin: SATB1 Antibody [NBP1-51960] - (3.8ug/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Tan JA, Sun Y, Song J et al. SUMO conjugation to the matrix attachment region-binding protein, special AT-rich sequence-binding protein-1 (SATB1), targets SATB1 to promyelocytic nuclear bodies where it undergoes caspase cleavage. *J Biol Chem* 2008-06-01 [PMID: 18408014]



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Products Related to NBP1-51960

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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