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anti-SATB1 antibody (C-Term)





Publication



Go to Product page

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Quantity:	100 μL
Target:	SATB1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SATB1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human SATB1	
Sequence:	PPQPQQQPQT GPRLPPRQPT VASPAESDEE NRQKTRPRTK ISVEALGILQ	
Predicted Reactivity:	Guinea Pig: 100%, Human: 100%, Mouse: 92%, Rabbit: 100%, Rat: 92%	
Characteristics:	This is a rabbit polyclonal antibody against SATB1. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Affinity Purified	

Target Details

Target:	SATB1
Alternative Name:	SATB1 (SATB1 Products)

Target Details

Background:	SATB1 binds to DNA at special AT-rich sequences at nuclear matrix- or scaffold-associated regions. SATB1 was thought to recognize the sugar-phosphate structure of double-stranded DNA.	
	Alias Symbols: -	
	Protein Interaction Partner: SUMO1P1, UBE2I, SUMO1, SUMO3, PML, CASP6, PIAS4, PIAS3, TOPORS, PIAS1, CBX4, SIRT1, UBC, CTNNB1, UBR5, tat, TAL1, HDAC1, DYT10, KAT2B, CTBP1, POLR2J, BAZ1A, CHD3, MTA2, SMARCA5, EP300, SATB1, GATA3, CUX1, SIN3A, HDAC2, CHD4, Protein Size: 763	
Molecular Weight:	86 kDa	
Gene ID:	6304	
NCBI Accession:	NM_002971, NP_002962	
UniProt:	Q01826	
Pathways:	Caspase Cascade in Apoptosis, Activated T Cell Proliferation	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 763 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small	

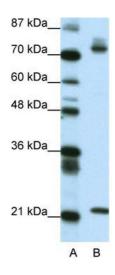
aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:

Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: **Genome research**, Vol. 14, Issue 10B, pp. 2121-7, (2004) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-SATB1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: Transfected 293T