SATB1 Rabbit mAb

Catalog No: #58572

Package Size: #58572-1 50ul #58572-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	SATB1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF IP FC
Species Reactivity	Human Mouse Rat
Specificity	SATB1 Antibody detects endogenous levels of total SATB1
Immunogen Description	A synthesized peptide derived from human SATB1
Other Names	DNA binding protein SATB1; DNA-binding protein SATB1; SATB homeobox 1;
Accession No.	Uniprot:Q01826
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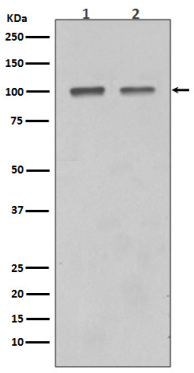
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

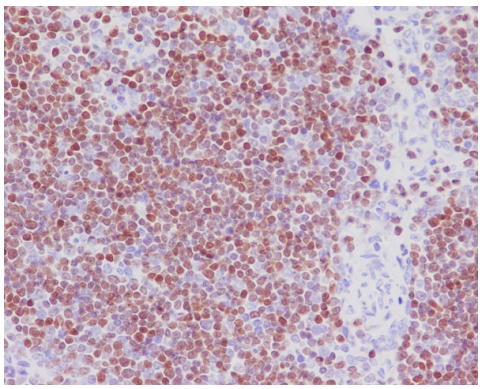
Application Details

WB 1:500~1:3000 IHC 1:50~1:200 ICC/IF 1:100~1:500 IP 1:50~1:100 FC 1:200~1:500

Images



Western blot analysis of SATB1 in (1)Mouse thymus tissue lysate;(2)Jurkat cell lysate.



Immunohistochemical analysis of paraffin-embedded human thymus, using SATB1 Antibody.

Product Description

SATB1 is a crucial silencing factor contributing to the initiation of X inactivation mediated by Xist RNA that occurs during embryogenesis and in lymphoma (By similarity). Binds to DNA at special AT-rich sequences, the consensus SATB1-binding sequence (CSBS), at nuclear matrix- or scaffold-associated regions. Thought to recognize the sugar-phosphate structure of double-stranded DNA. Transcriptional repressor controlling nuclear and viral gene expression in a phosphorylated and acetylated status-dependent manner, by binding to matrix attachment regions (MARs) of DNA and inducing a local chromatin-loop remodeling.

Background

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Note: This product is for in vitro research use only