Datasheet for ABIN7150396

anti-SATB2 antibody (AA 228-369) (Biotin)

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Overview

Quantity:	100 µL
Target:	SATB2
Binding Specificity:	AA 228-369
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SATB2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human DNA-binding protein SATB2 protein (228-369AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Antigen Affinity purified & Affinity purified

Target Details

Target:	SATB2
Alternative Name:	SATB2 (SATB2 Products)
Background:	Background: Binds to DNA, at nuclear matrix- or scaffold-associated regions. Thought to recognize the sugar-phosphate structure of double-stranded DNA. Transcription factor

Target Details

	controlling nuclear gene expression, by binding to matrix attachment regions (MARs) of DNA and inducing a local chromatin-loop remodeling. Acts as a docking site for several chromatin remodeling enzymes and also by recruiting corepressors (HDACs) or coactivators (HATs) directly to promoters and enhancers. Required for the initiation of the upper-layer neurons (UL1) specific genetic program and for the inactivation of deep-layer neurons (DL) and UL2 specific genes, probably by modulating BCL11B expression. Repressor of Ctip2 and regulatory determinant of corticocortical connections in the developing cerebral cortex. May play an important role in palate formation. Acts as a molecular node in a transcriptional network regulating skeletal development and osteoblast differentiation. Aliases: DNA binding protein SATB2 antibody, DNA-binding protein SATB2 antibody, FLJ21474 antibody, FLJ32076 antibody, GLSS antibody, KIAA1034 antibody, MGC119474 antibody, MGC119477 antibody, SATB family member 2 antibody, SATB homeobox 2 antibody, SATB2 antibody, SATB2_HUMAN antibody, Special AT rich sequence binding protein 2 antibody, Special AT-rich sequence-binding protein 2 antibody
UniProt:	Q9UPW6

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.