

anti- SATB2 antibody

Product Information

Catalog No.:	FNab07616
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Binds to DNA, at nuclear matrix-or scaffold-associated regions. Thought to recognize the sugar-phosphate structure of double-stranded DNA. Transcription factor 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.

Immunogen information

Immunogen:	SATB homeobox 2
Synonyms:	DNA binding protein SATB2, KIAA1034, SATB homeobox 2, SATB2
Observed MW:	83 kDa
Uniprot ID :	Q9UPW6

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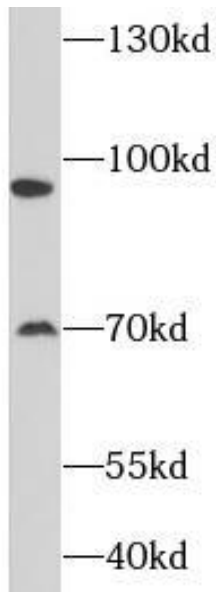
Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB

Recommended dilution: WB: 1:500 - 1:2000

Image:



MCF7 cells were subjected to SDS PAGE followed by western blot with FNab07616(SATB2 antibody) at dilution of 1:1000

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