

SATB2 Antibody
Rabbit Monoclonal Antibody (Mab)
Catalog # AD80202**Specification**

SATB2 Antibody - Product info

Application	IHC
Primary Accession	Q9UPW6
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	82555

SATB2 Antibody - Additional info

Gene ID	23314
Gene Name	SATB2
Other Names	DNA-binding protein SATB2, Special AT-rich sequence-binding protein 2, SATB2, KIAA1034

Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SATB2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

SATB2 Antibody - Protein Information**Name SATB2**

Synonyms	KIAA1034
Function	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

Cellular Location	skeletal development and osteoblast differentiation. Nucleus matrix {ECO:0000255 PROSITE- ProRule:PRU00108, ECO:0000255 PROSITE-ProRule:PRU00374, ECO:0000269 PubMed:14701874}
Tissue Location	High expression in adult brain, moderate expression in fetal brain, and weak expression in adult liver, kidney, and spinal cord and in select brain regions, including amygdala, corpus callosum, caudate nucleus, and hippocampus

SATB2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)