

Nur für Forschungszwecke

# SATB2 Polyklonaler Antikörper

Katalog-Nr.:19557-1-AP



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 19557-1-AP	<b>GenBank-Zugangsnummer:</b> NM_015265	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul	<b>GeneID (NCBI):</b> 23314	
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> SATB homeobox 2	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 83 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
ELISA

**Getestete Reaktivität:**  
Human

## Hintergrundinformationen

SATB2, also named as KIAA1034, belongs to the CUT homeobox family. SATB2 binds to DNA at nuclear matrix- or scaffold-associated regions. SATB2 recognizes the sugar-phosphate structure of double-stranded DNA. SATB2 is a transcription factor controlling nuclear gene expression, by binding to matrix attachment regions (MARs) of DNA and inducing a local chromatin-loop remodeling. SATB2 acts as a docking site for several chromatin remodeling enzymes and also by recruiting corepressors (HDACs) or coactivators (HATs) directly to promoters and enhancers. It is 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. It is a repressor of Ctip2 and regulatory determinant of corticocortical connections in the developing cerebral cortex. SATB2 may play an important role in palate formation. SATB2 acts as a molecular node in a transcriptional network regulating skeletal development and osteoblast differentiation.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

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