

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SATB2



Numéro de catalogue: 19557-1-AP

Informations de base

Numéro de catalogue:	19557-1-AP	Numéro d'acquisition GenBank:	NM_015265	Méthode de purification:	Purification par affinité contre l'antigène
Taille:	150ul	Identification du gène (NCBI):	23314		
Hôte:	Lapin	Nom complet:	SATB homeobox 2		
Isotype:	IgG	MW calculé	83 kDa		

Applications

Applications testées:
ELISA
Spécificité de l'espèce:
Humain

Informations générales

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.

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:

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