

CUX1 Polyclonal Antibody

Catalog # AP69028

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	P39880 , Q13948
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	164187

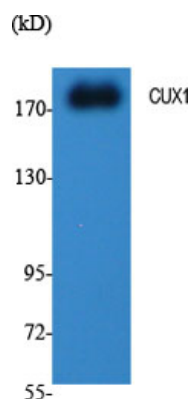
Additional Information

Gene ID	1523
Other Names	CUX1; CUTL1; Homeobox protein cut-like 1; CCAAT displacement protein; CDP; Homeobox protein cux-1; CUX1; CUTL1; Protein CASP
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

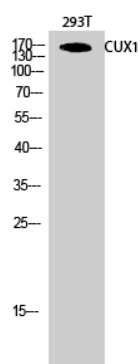
Protein Information

Name	CUX1 (HGNC:2557)
Synonyms	CUTL1
Function	Transcription factor involved in the control of neuronal differentiation in the brain. Regulates dendrite development and branching, and dendritic spine formation in cortical layers II-III. Also involved in the control of synaptogenesis. In addition, it has probably a broad role in mammalian development as a repressor of developmentally regulated gene expression. May act by preventing binding of positively-activating CCAAT factors to promoters. Component of nf-munr repressor; binds to the matrix attachment regions (MARs) (5' and 3') of the immunoglobulin heavy chain enhancer. Represses T-cell receptor (TCR) beta enhancer function by binding to MARbeta, an ATC- rich DNA sequence located upstream of the TCR beta enhancer. Binds to the TH enhancer; may require the basic helix-loop-helix protein TCF4 as a coactivator.
Cellular Location	Nucleus.

Images



Western Blot analysis of various cells using CUX1 Polyclonal Antibody diluted at 1 : 1000



Western Blot analysis of 293T cells using CUX1 Polyclonal Antibody diluted at 1 : 1000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.