

CUX1 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP5895b**Specification**

CUX1 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [P39880](#)
Other Accession [NP_853530.2](#)

CUX1 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 1523

Other Names

Homeobox protein cut-like 1, CCAAT displacement protein, CDP, Homeobox protein cux-1, CUX1, CUTL1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CUX1 Antibody (C-term) Blocking peptide - 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.

CUX1 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CUX1 Antibody (C-term) Blocking peptide - Images