

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

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**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](#)