

**Lhx6 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP1423a****Specification**

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**Lhx6 Antibody (N-term) Blocking Peptide - Product Information**

Primary Accession [Q9R1R0](#)  
Other Accession [Q6P1H2](#)

**Lhx6 Antibody (N-term) Blocking Peptide - Additional Information**

**Gene ID** 16874

**Other Names**

LIM/homeobox protein Lhx6, LIM homeobox protein 6, LIM/homeobox protein Lhx61, Lhx6, Lhx61

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [<a href=/product/products/AP1423a>AP1423a</a>](#) was selected from the N-term region of human Lhx6. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**Lhx6 Antibody (N-term) Blocking Peptide - Protein Information**

**Name** Lhx6

**Synonyms** Lhx6.1

**Function**

Probable transcription factor required for the expression of a subset of genes involved in interneurons migration and development. Functions in the specification of cortical interneuron subtypes and in the migration of GABAergic interneuron precursors from the subpallium to the cerebral cortex.

**Cellular Location**

Nucleus.

**Tissue Location**

Brain specific. Expressed by neurons in the amygdala that are activated by reproductive olfactory stimuli and project in regions of the hypothalamus involved in reproduction (at protein level).

### **Lhx6 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **Lhx6 Antibody (N-term) Blocking Peptide - Images**

### **Lhx6 Antibody (N-term) Blocking Peptide - Background**

Lhx6 is a member of a large protein family that contains the LIM domain, a unique cysteine-rich zinc-binding domain. This protein may function as a transcriptional regulator and may be involved in the control of differentiation and development of neural and lymphoid cells.

### **Lhx6 Antibody (N-term) Blocking Peptide - References**

Lopez-Bendito,G., J. Neurosci. 28 (7), 1613-1624 (2008)Ko,S.O., Dev. Biol. 312 (1), 435-447 (2007)Jepsen,K., Nature 450 (7168), 415-419 (2007)