

**LHX8 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18525c****Specification**

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**LHX8 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [Q68G74](#)

**LHX8 Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 431707

**Other Names**

LIM/homeobox protein Lhx8, LIM homeobox protein 8, LHX8

**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.

**LHX8 Antibody (Center) Blocking Peptide - Protein Information**

**Name** LHX8

**Function**

Transcription factor involved in differentiation of certain neurons and mesenchymal cells.

**Cellular Location**

Nucleus.

**LHX8 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**LHX8 Antibody (Center) Blocking Peptide - Images****LHX8 Antibody (Center) Blocking Peptide - Background**

Members of the LIM homeobox gene family, such as LHX8, encode transcription regulators that share common structural features. They all contain 2 tandemly repeated cysteine-rich double-zinc

finger motifs, called LIM domains, in addition to a homeodomain. The homeodomain is a DNA-binding domain, and the LIM domains are essential for regulating the activity of these molecules by interacting with other proteins. Members of the LIM homeobox gene family are required for the patterning or the specification and differentiation of different cell types during embryonic development (Zhao et al., 1999 [PubMed 10611327]).

#### **LHX8 Antibody (Center) Blocking Peptide - References**

Nikopensius, T., et al. Birth Defects Res. Part A Clin. Mol. Teratol. 88(9):748-756(2010) Jagomagi, T., et al. Eur. J. Oral Sci. 118(3):213-220(2010) Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010)  
Vieira, A.R., et al. Genet. Med. 10(9):668-674(2008) Qin, Y., et al. Fertil. Steril. 89(4):1012-1014(2008)