10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# LBX1 Antibody (Center) Blocking Peptide

**Synthetic peptide**
**Catalog # BP18241c**

## Specification

### LBX1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession P52954

### LBX1 Antibody (Center) Blocking Peptide - Additional Information

**Gene ID** 10660

**Other Names**
Transcription factor LBX1, Ladybird homeobox protein homolog 1, LBX1, LBX1H

**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.

### LBX1 Antibody (Center) Blocking Peptide - Protein Information

**Name** LBX1

**Synonyms** LBX1H

**Function**
Transcription factor required for the development of GABAergic interneurons in the dorsal horn of the spinal cord and migration and further development of hypaxial muscle precursor cells for limb muscles, diaphragm and hypoglossal cord.

**Cellular Location**
Nucleus.

### LBX1 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

### LBX1 Antibody (Center) Blocking Peptide - Images

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

## LBX1 Antibody (Center) Blocking Peptide - Background

This gene and the orthologous mouse gene were found bytheir homology to the Drosophila lady bird early and late homeoboxgenes. In the mouse, this gene is a key regulator of muscleprecursor cell migration and is required for the acquisition ofdorsal identities of forelimb muscles.

## LBX1 Antibody (Center) Blocking Peptide - References

Yu, M., et al. Genes Dev. 23(15):1737-1742(2009)Deloukas, P., et al. Nature 429(6990):375-381(2004)de Mollerat, X.J., et al. Hum. Mol. Genet. 12(16):1959-1971(2003)Kozmik, Z., et al. Genesis 29(4):172-179(2001)Jagla, K., et al. Mech. Dev. 53(3):345-356(1995)