

Mouse Lhx1 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP21022a**Specification**

Mouse Lhx1 Blocking Peptide (Center) - Product Information

Primary Accession [P63006](#)
Other Accession [P29674](#), [P63007](#), [P48742](#), [P53411](#)

Mouse Lhx1 Blocking Peptide (Center) - Additional Information

Gene ID 16869

Other Names

LIM/homeobox protein Lhx1, LIM homeobox protein 1, Homeobox protein Lim-1, Lhx1, Lim-1, Lim1

Target/Specificity

The synthetic peptide sequence is selected from aa 170-184 of HUMAN Lhx1

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.

Mouse Lhx1 Blocking Peptide (Center) - Protein Information

Name Lhx1

Synonyms Lim-1, Lim1

Function

Potential transcription factor. May play a role in early mesoderm formation and later in lateral mesoderm differentiation and neurogenesis.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000269|PubMed:8793615}

Tissue Location

In mid to late stage embryos, expressed in a restricted region of mesoderm in the primitive streak. At 7.5 days, expressed in a horseshoe shape at the periphery of the node, as well as along both sides of the adjacent notochord. Also present in presumptive lateral and intermediate mesoderm. Later, expression become progressively restricted to intermediate mesoderm, and the developing excretory system including the pronephric region, mesonephros, nephric duct and metanephros. In

the metanephros, strongly expressed in renal vesicles and S-shaped and comma-shaped bodies, as well as in the ureteric bud and its derivatives. Also expressed in the dorsal root ganglia. By stage 10.5, also expressed in regions of the central nervous system in the telencephalon through to the spinal cord. In adults, expressed in the cerebellum/medulla and kidney, and at very low levels in the cerebrum.

Mouse Lhx1 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

Mouse Lhx1 Blocking Peptide (Center) - Images

Mouse Lhx1 Blocking Peptide (Center) - Background

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Mouse Lhx1 Blocking Peptide (Center) - References

Fujii T.,et al.Dev. Dyn. 199:73-83(1994).
Barnes J.D.,et al.Dev. Biol. 161:168-178(1994).
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