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LBX1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18241c

Specification

LBX1 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	P52954
Other Accession	Q2PYN8, Q1XID0, P52955, NP_006553.2, Q804R0
Reactivity	**Human, Mouse**
Predicted	**Rat, Xenopus, Zebrafish**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**30221**
Antigen Region	**127-155**

LBX1 Antibody (Center) - Additional Information

Gene ID 10660

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

Target/Specificity
This LBX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 127-155 amino acids from the Central region of human LBX1.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
LBX1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

LBX1 Antibody (Center) - 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.

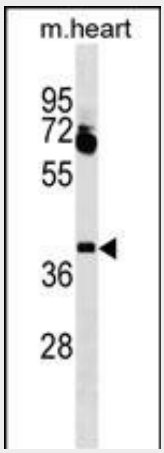
Cellular Location
Nucleus.

LBX1 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LBX1 Antibody (Center) - Images



LBX1 Antibody (Center) (Cat. #AP18241c) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the LBX1 antibody detected the LBX1 protein (arrow).

LBX1 Antibody (Center) - Background

This gene and the orthologous mouse gene were found by their homology to the Drosophila lady bird early and late homeobox genes. In the mouse, this gene is a key regulator of muscle precursor cell migration and is required for the acquisition of dorsal identities of forelimb muscles.

LBX1 Antibody (Center) - 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)