

Rabbit LBX1 Polyclonal Antibody | anti-LBX1 antibody

LBX1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289023	Rabbit	Human, mouse (Predicted Reactivity: Rat, Xenopus)	ELISA, Western Blot

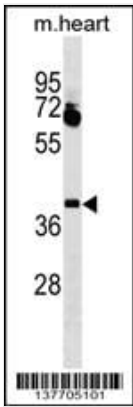
PRODUCT SYNONYMS

LBX1; Polyclonal Antibody; LBX1 Antibody (Center); Transcription factor LBX1; Ladybird homeobox protein homolog 1; LBX1H; anti-LBX1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Sequence Positions	127-155
Sequence Length	281
Applicable Applications for anti-LBX1 antibody	ELISA, WB (Western Blot)
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.
Preparation and 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.

IMAGES



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

ADDITIONAL INFORMATION

Related Product Information for anti-LBX1 antibody	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.
Product Categories/Family for anti-LBX1 antibody	Neuroscience; Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	63054872
NCBI GeneID	10660
NCBI Accession #	NP_006553.2
NCBI GenBank Nucleotide #	NM_006562.4
UniProt Accession #	P52954; Q05BB2; B9EGA2
NCBI Official Full Name	transcription factor LBX1
NCBI Official Synonym Full Names	ladybird homeobox 1
NCBI Official Symbol	LBX1
NCBI Official Synonym Symbols	HPX6; HPX-6; LBX1H; homeobox
NCBI Protein Information	transcription factor LBX1
UniProt Protein Name	Transcription factor LBX1
UniProt Gene Name	LBX1
UniProt Synonym Gene Names	LBX1H
UniProt Entry Name	LBX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/lbx1-antibody-western-blot-elisa/289023>