

Rabbit LBX1 Polyclonal Antibody | anti-LBX1 antibody

LBX1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198396	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

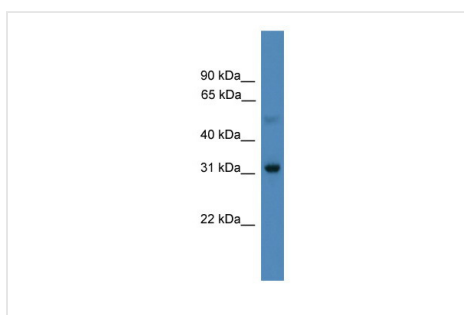
PRODUCT SYNONYMS

LBX1; Polyclonal Antibody; LBX1 antibody - N-terminal region; anti-LBX1 antibody

PRODUCT SPECIFICATIONS

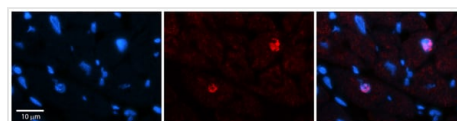
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: DH LPPANSNKP LTPFSIEDIL NKPSVRRSYS LCGAAHLLAA ADKHAQGG
Sequence Length	281
Applicable Applications for anti-LBX1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 86%; Rat: 100%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human LBX1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-LBX1 Antibody Titration: 0.2-1 ug/mL
 ELISA Titer: 1:1562500
 Positive Control: PANC1 cell lysate
 LBX1 is supported by BioGPS gene expression data to be expressed in PANC1



IHC (Immunohistochemistry)

Rabbit Anti-LBX1 Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human Adult heart
 Observed Staining: Nuclear (rare)
 Primary Antibody Concentration: 1:600
 Secondary Antibody: Donkey anti-Rabbit-Cy2/3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec
 Protocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-LBX1 antibody	This is a rabbit polyclonal antibody against LBX1. It was validated on Western Blot Target Description: LBX1 is the 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.
Product Categories/Family for anti-LBX1 antibody	Polyclonal; Transcription Factor; Cancer; Transcription Regulation; Transcription Regulation; Cell Biology; Developmental Biology; Neuroscience; Signal Transduction; Disease Related; Cell Structure; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	63054872
NCBI GeneID	10660
NCBI Accession #	NP_006553
NCBI GenBank Nucleotide #	NM_006562
UniProt Accession #	P52954
Molecular Weight	30kDa
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.