

Datasheet for ABIN2780789  
**anti-Lbx1 antibody (N-Term)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	Lbx1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Cow, Rabbit, Dog, Guinea Pig, Zebrafish (Danio rerio), Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Lbx1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human LBX1
Sequence:	DHLPPPANSN KPLTPFSIED ILNKPSVRRS YSLCGAAHLL AAADKHAQGG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 86%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against LBX1. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	Lbx1
Alternative Name:	LBX1 ( <a href="#">Lbx1 Products</a> )

## Target Details

Background:	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. Alias Symbols: HPX-6, HPX6, LBX1H, homeobox Protein Interaction Partner: RBL2, Protein Size: 281
Molecular Weight:	30 kDa
Gene ID:	10660
NCBI Accession:	<a href="#">NM_006562</a> , <a href="#">NP_006553</a>
UniProt:	<a href="#">P52954</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 281 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



#### Western Blotting

**Image 1.** 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

#### Western Blotting

**Image 2.** WB Suggested Anti-LBX1 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500 Positive Control: PANC1 cell lysate LBX1 is supported by BioGPS gene expression data to be expressed in PANC1

#### Immunohistochemistry

**Image 3.** 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.

