

Datasheet for ABIN2776384  
**anti-HOXB2 antibody (N-Term)**[Go to Product page](#)

## 6 Images

## Overview

Quantity:	100 µL
Target:	HOXB2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXB2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HOXB2
Sequence:	RAEDGPALPP PPPPLPAAP PAPEFPWMKE KKSARKPSQS ATSPSPAASA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 92%, Rabbit: 79%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against HOXB2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	HOXB2
---------	-------

## Target Details

Alternative Name:	HOXB2 ( <a href="#">HOXB2 Products</a> )
Background:	<p>HOXB2 is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. HOXB2 functions as a sequence-specific transcription factor that is involved in development. Increased expression of this gene is associated with pancreatic cancer. This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in development. Increased expression of this gene is associated with pancreatic cancer. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: HOX2, HOX2H, Hox-2.8, K8</p> <p>Protein Interaction Partner: CREBBP, MNDA, EP300, SOD1,</p> <p>Protein Size: 356</p>
Molecular Weight:	38 kDa
Gene ID:	3212
NCBI Accession:	<a href="#">NM_002145</a> , <a href="#">NP_002136</a>
UniProt:	<a href="#">P14652</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 356 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

Handling

	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.

Images

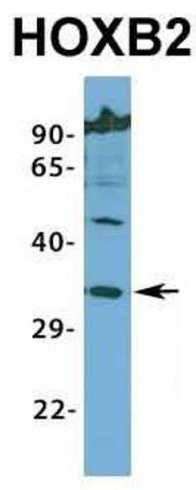


**Western Blotting**

**Image 1.** WB Suggested Anti-HOXB2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate

**Western Blotting**

**Image 2.** Host: Rabbit Target Name: HOXB2 Sample Type: HepG2 Antibody Dilution: 1.0ug/ml



**Western Blotting**

**Image 3.** Host: Rabbit Target Name: HOXB2 Sample Type:  
Jurkat Antibody Dilution: 1.0ug/ml

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN2776384.