

Datasheet for ABIN2779768
anti-HOXB9 antibody (N-Term)

5 Images

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Overview

Quantity:	100 µL
Target:	HOXB9
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXB9 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 HOXB9
Sequence:	SPHASGSLPS VYHPYIQPQG VPPAESRYLR TWLEPAPRGE AAPGQGQAAV
Predicted Reactivity:	Cow: 100%, Dog: 93%, Horse: 100%, Human: 100%, Mouse: 79%, Pig: 100%, Rabbit: 100%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against HOXB9. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	HOXB9
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Target Details

Alternative Name:	HOXB9 (HOXB9 Products)
Background:	<p>HOXB9 belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. HOXB9 is one of several homeobox HOXB genes located in a cluster on chromosome 17. The exact role of this gene has yet to be determined.</p> <p>Alias Symbols: HGNC:5120, HOX-2.5, HOX2, HOX2E</p> <p>Protein Interaction Partner: KRTAP10-9, MID2, CALCOCO2, PNMA1, TRIP6, SAT1, KRTAP5-9, GOLGA2, MDFI, TAL1, ECT2, UBC, CREBBP, SPZ1, HOPX, ZNF408, ING4, PHTF1, MYBBP1A, SOX15, BTG1, KRTAP4-12, RBPMS, EP300, BTG2,</p> <p>Protein Size: 250</p>
Molecular Weight:	28 kDa
Gene ID:	3219
NCBI Accession:	NM_024017 , NP_076922
UniProt:	P17482

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 250 AA
Restrictions:	For Research Use only

Handling

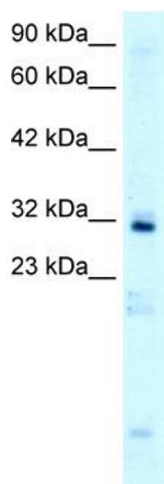
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage: -20 °C

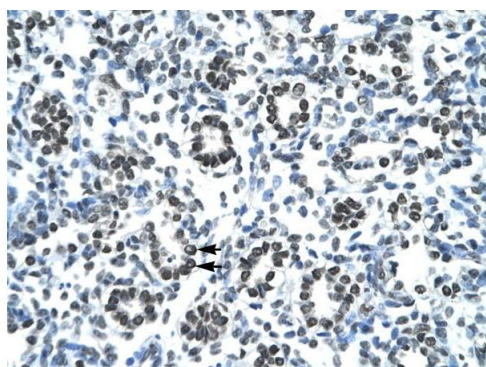
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

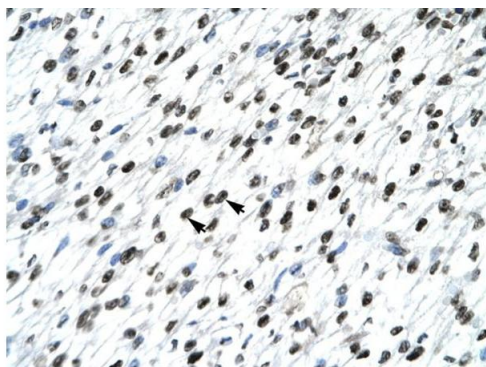
Image 1. WB Suggested Anti-HOXB9 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate



Rabbit Anti-HOXB9 Antibody
Catalog Number: ARP32639
Lot Number: QC2077
Paraffin Embedded Tissue: Human Lung
Cells with Positive label: Alveolar cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. Human Lung



Rabbit Anti-HOXB9 Antibody
Catalog Number: ARP32639
Lot Number: QC2077
Paraffin Embedded Tissue: Human Heart
Cells with Positive label: Myocardial cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 3. Human Heart

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2779768.