

Datasheet for ABIN2777224
anti-HOXB3 antibody (N-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	HOXB3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Horse, Dog, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXB3 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 HOXB3
Sequence:	GPSKSGPPKC GPGTNSTLTK QIFPWMKESR QTSKLKNNSP GTAEGCGGGG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against HOXB3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HOXB3
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Target Details

Alternative Name:	HOXB3 (HOXB3 Products)
Background:	<p>HOXB3 belongs to ANTP homeobox family. It is a nuclear protein with a homeobox DNA-binding domain. HOXB3 gene is included in a cluster of homeobox B genes located on chromosome 17. The protein functions as a sequence-specific transcription factor that is involved in development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML). 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 a distinct biologic subset of acute myeloid leukemia (AML).</p> <p>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, HOX2G, Hox-2.7</p> <p>Protein Interaction Partner: CREBBP, EP300, HMGB1,</p> <p>Protein Size: 431</p>
Molecular Weight:	44 kDa
Gene ID:	3213
NCBI Accession:	NM_002146 , NP_002137
UniProt:	P14651

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 431 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

Handling

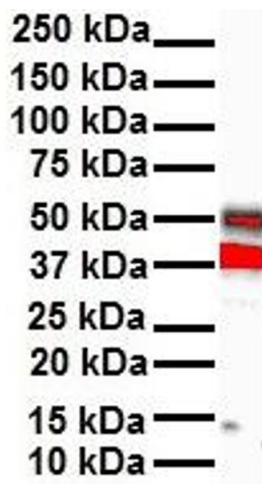
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



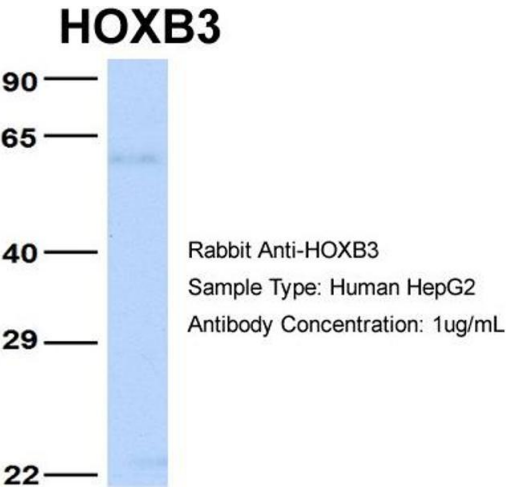
Western Blotting

Image 1. WB Suggested Anti-HOXB3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate HOXB3 is supported by BioGPS gene expression data to be expressed in HepG2



Western Blotting

Image 2. WB Suggested Anti-HOXB3 antibody Titration: 1 ug/mL Sample Type: Human heart



Western Blotting

Image 3. Host: Rabbit Target Name: HOXB3 Sample Type: HepG2 Antibody Dilution: 1.0ug/ml HOXB3 is supported by BioGPS gene expression data to be expressed in HepG2