



## Datasheet for ABIN7262495 anti-HOXB1 antibody



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### 2 Images

#### Overview

Quantity:	200 µL
Target:	HOXB1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

#### Product Details

Immunogen:	Recombinant fusion protein of human HOXB1 (NP_002135.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	HOXB1
Alternative Name:	HOXB1 ( <a href="#">HOXB1 Products</a> )
Background:	This gene 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

## Target Details

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tandem. This gene is one of several homeobox HOXB genes located in a cluster on chromosome 17.

Molecular Weight: Observed\_MW: 30 kDa  
Calculated\_MW: 24 kDa/32 kDa

Gene ID: 3211

UniProt: [P14653](#)

## Application Details

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Application Notes: WB 1:500-1:2000 IF 1:50-1:200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

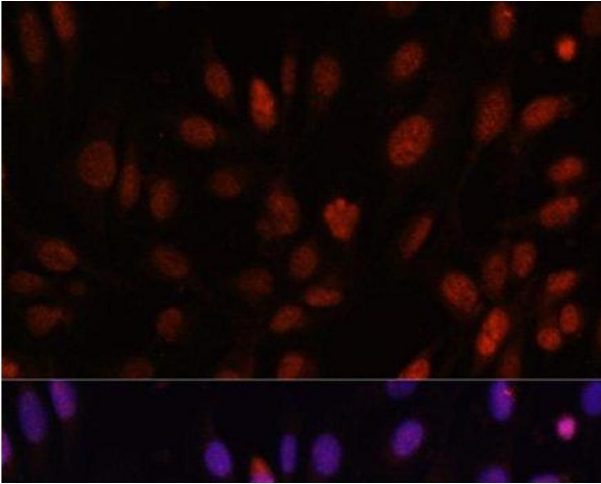
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

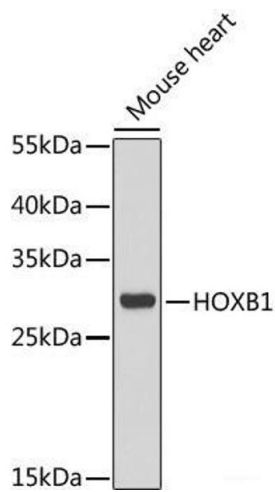
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U-2 OS cells using HOXB1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of Mouse heart using HOXB1 Polyclonal Antibody at dilution of 1:1000.