

## HOXB1 antibody

Catalog No: #39050

Package Size: #39050-1 50ul #39050-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

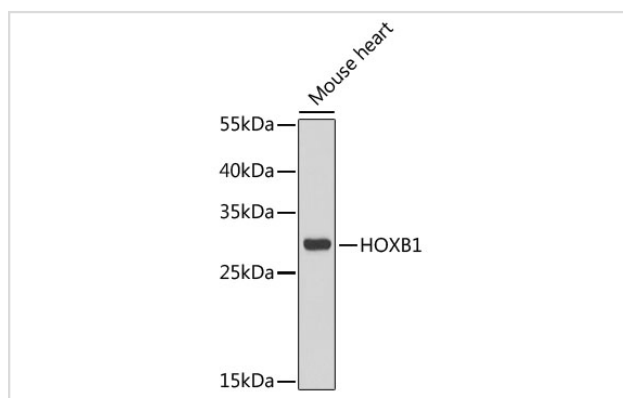
## Description

Product Name	HOXB1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total HOXB1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human HOXB1.
Target Name	HOXB1
Other Names	HOX2; HCFP3; HOX2I; Hox-2.9;
Accession No.	Swiss-Prot#: P14653NCBI Gene ID: 3211
Uniprot	P14653
GeneID	3211;
SDS-PAGE MW	32kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

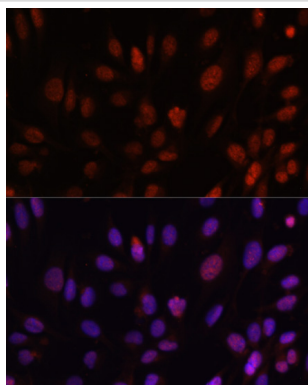
## Application Details

WB □ 1:500 - 1:2000IF □ 1:50 - 1:200

## Images



Western blot analysis of extracts of mouse heart, using  
HOXB1 at 1:1000 dilution.



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

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

Note: This product is for in vitro research use only