

## HOXB5 Antibody

Catalog No: #43731

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

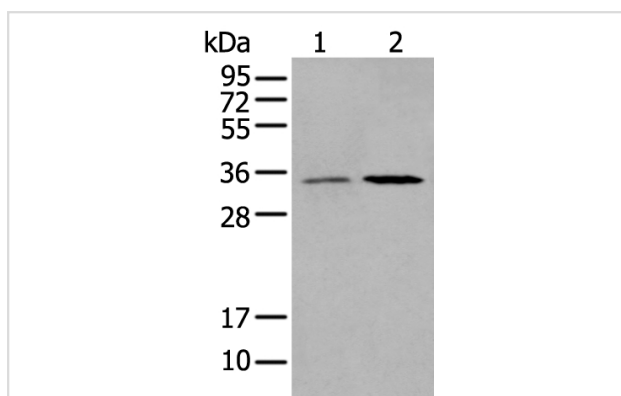
## Description

Product Name	HOXB5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total HOXB5 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human HOXB5
Target Name	HOXB5
Other Names	HOX2; HU-1; HOX2A; Hox2.1; HHO.C10
Accession No.	Swiss-Prot#: P09067NCBI Gene ID: 3215
Uniprot	P09067
GeneID	3215;
Calculated MW	29kd
Concentration	0.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:200-1000

## Images



Gel: 12%SDS-PAGE

Lysate: 40 µg, Lane 1-2: HUVEC and Jarkat cell lysates,  
 Primary antibody:HOXB5 antibody at dilution 1/350 dilution,  
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,  
 Exposure time: 10 seconds

## Background

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 lung and

gut development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML) and the occurrence of bronchopulmonary sequestration (BPS) and congenital cystic adenomatoid malformation (CCAM) tissue.

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Note: This product is for in vitro research use only