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Datasheet for ABIN7267768
anti-HOXB4 antibody (AA 50-150)

1 Image

Overview

Quantity:	100 µL
Target:	HOXB4
Binding Specificity:	AA 50-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXB4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	HOXB4 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human HOXB4 (NP_076920.1).
Sequence:	PEAGFGRRAA CTVQRYAACR DPGPPPPPPP PPPPPPPGGL SPRAPAPPPA GALLPEPGQR CEAVSSSPPP PPCAQNPLHP SPSHSACKEP VVYPWMRKVH V
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

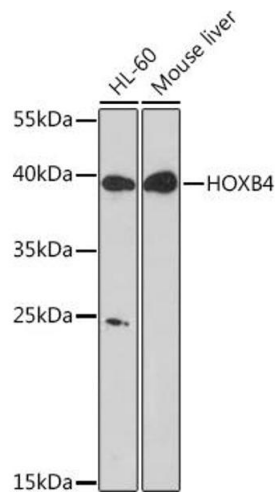
Target:	HOXB4
Alternative Name:	HOXB4 (HOXB4 Products)
Background:	<p>This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in development. Intracellular or ectopic expression of this protein expands hematopoietic stem and progenitor cells in vivo and in vitro, making it a potential candidate for therapeutic stem cell expansion.,HOXB4,HOX-2.6,HOX2,HOX2F,Epigenetics & Nuclear Signaling,Transcription Factors,Stem Cells,Hematopoietic Progenitors,HOXB4</p>
Gene ID:	3214
UniProt:	P17483

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
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.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using HOXB4 Rabbit pAb (ABIN7267768) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.