

Datasheet for ABIN7267765
anti-HOXB13 antibody (AA 50-150)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	HOXB13
Binding Specificity:	AA 50-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXB13 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	HOXB13 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human HOXB13 (NP_006352.2).
Sequence:	PLDLPGSAEP PKQCHPCPGV PQGTSPAPVP YGYFGGGYYs CRVSRSSLKP CAQAATLAAY PAETPTAGEE YPSRPTEFAF YPGYPGTYQP MASYLDVSVV Q
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

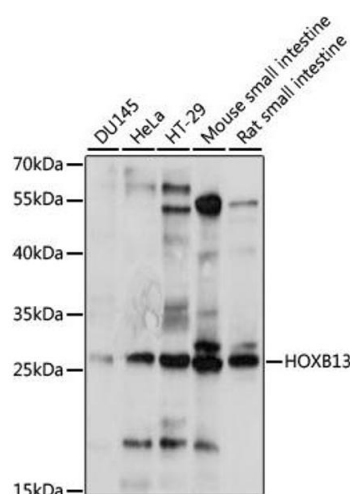
Target:	HOXB13
Alternative Name:	HOXB13 (HOXB13 Products)
Background:	<p>This gene encodes a transcription factor that belongs to the homeobox gene family. Genes of this family are highly conserved among vertebrates and essential for vertebrate embryonic development. This gene has been implicated to play a role in fetal skin development and cutaneous regeneration. In mice, a similar gene was shown to exhibit temporal and spatial colinearity in the main body axis of the embryo, but was not expressed in the secondary axes, which suggests functions in body patterning along the axis. This gene and other HOXB genes form a gene cluster at chromosome the 17q21-22 region.,HOXB13,PSGD,Epigenetics & Nuclear Signaling,Transcription Factors,Nuclear Receptor Signaling,Cancer,Tumor biomarkers,Tumor suppressors,HOXB13</p>
Molecular Weight:	30kDa
Gene ID:	10481
UniProt:	Q92826

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 HOXB13 antibody (ABIN7267765) 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: 90s.