

Datasheet for ABIN1536878
anti-HOXB13 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	HOXB13
Binding Specificity:	AA 223-251, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXB13 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This HOXB13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 223-251 amino acids from the C-terminal region of human HOXB13.
Clone:	RB39329
Isotype:	Ig Fraction
Predicted Reactivity:	Zf
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HOXB13
Alternative Name:	HOXB13 (HOXB13 Products)

Target Details

Background: 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.

Molecular Weight: 30676

Gene ID: 10481

NCBI Accession: [NP_006352](#)

UniProt: [Q92826](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

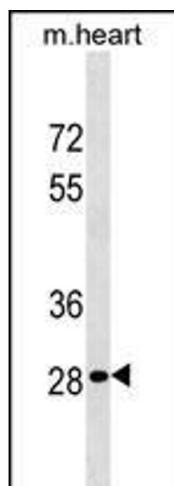
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Storage Comment: HOXB13 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. HOXB13 Antibody (C-term) (ABIN1536878 and ABIN2838183) western blot analysis in mouse heart tissue lysates (35 µg/lane). This demonstrates the HOXB13 antibody detected the HOXB13 protein (arrow).