

Datasheet for ABIN7267773
anti-HOXC8 antibody (AA 1-150)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	HOXC8
Binding Specificity:	AA 1-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXC8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	HOXC8 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-150 of human HOXC8 (NP_073149.1).
Sequence:	MSSYFVNPLF SKYKAGESLE PAYYDCRFPQ SVGRSHALVY GPGGSAPGFQ HASHHVQDFF HHGTSGISNS GYQQNPCSL S CHGDASKFYG YEALPRQSLY GAQQEASVVQ YPDCKSSANT NSSEGQGHNL QNSSPSLMFP WMRPHAPGRR
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

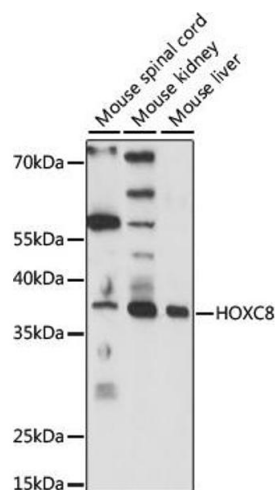
Target:	HOXC8
Alternative Name:	HOXC8 (HOXC8 Products)
Background:	<p>This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The product of this gene may play a role in the regulation of cartilage differentiation. It could also be involved in chondrodysplasias or other cartilage disorders.,HOXC8,HOX3,HOX3A,Epigenetics & Nuclear Signaling,Transcription Factors,Cell Biology & Developmental Biology,Extracellular Matrix,Bone,HOXC8</p>
Molecular Weight:	27kDa
Gene ID:	3224
UniProt:	P31273

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 HOXC8 antibody (ABIN7267773) 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: 1s.