

Datasheet for ABIN2781186
anti-HOXC8 antibody (N-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	HOXC8
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Sheep, Dog, Rabbit, Cow, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXC8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HOXC8
Sequence:	SHALVYGGP G SAPGFQHASH HVQDFHHGT SGISNSGYQQ NPCSLSCHGD
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 77%
Characteristics:	This is a rabbit polyclonal antibody against HOXC8. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HOXC8
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Target Details

Alternative Name: HOXC8 ([HOXC8 Products](#))

Background: 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. 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.

Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-935 BC053898.1 1-935 936-1866 BC053898.1 937-1867 1867-2290 BU618342.1 3-426 c

Alias Symbols: HOX3, HOX3A

Protein Interaction Partner: UBC, PBX1, HOMEZ, GMNN, SMAD6, BTG2, SMAD1, BMPR1A, SMAD4, JUN, MSX1, DLX5, DLX2, KMT2A,

Protein Size: 242

Molecular Weight: 28 kDa

Gene ID: 3224

NCBI Accession: [NM_022658](#), [NP_073149](#)

UniProt: [P31273](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

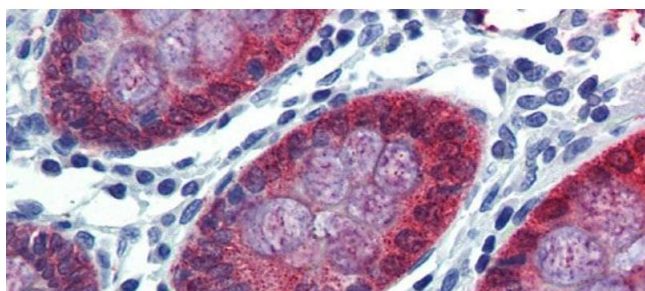
Comment: Antigen size: 242 AA

Restrictions: For Research Use only

Handling

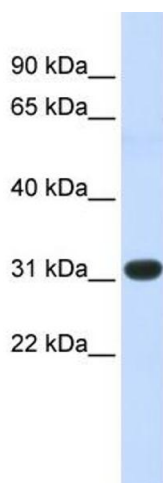
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



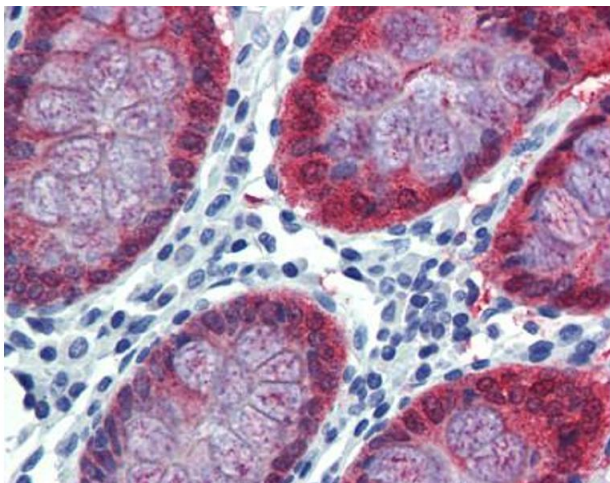
Immunohistochemistry

Image 1. Rabbit Anti-HOXC8 Antibody Catalog Number: arp39557 Paraffin Embedded Tissue: Human Colon Antibody Concentration: 5 ug/ml



Western Blotting

Image 2. WB Suggested Anti-HOXC8 Antibody Titration: 1 ug/ml Positive Control: Fetal Muscle cell lysate



Immunohistochemistry

Image 3. Anti-HOXC8 antibody IHC staining of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2781186.