

Datasheet for ABIN2781021  
**anti-HOXC10 antibody (N-Term)**

## 2 Images

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## Overview

Quantity:	100 µL
Target:	HOXC10
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXC10 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 HOXC10
Sequence:	MTCPRNVTPN SYAEPLAAPG GGERYSRSAG MYMQSGSDFN CGVMRGCGLA
Predicted Reactivity:	Dog: 86%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against HOXC10. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

## Target Details

Target:	HOXC10
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## Target Details

Alternative Name:	HOXC10 ( <a href="#">HOXC10 Products</a> )
Background:	<p>HOXC10 belongs to the homeobox family. The homeobox family is a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. The protein level is controlled during cell differentiation and proliferation, which may indicate this protein has a role in origin activation. 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 protein level is controlled during cell differentiation and proliferation, which may indicate this protein has a role in origin activation.</p> <p>Alias Symbols: HOX3I, MGC5259</p> <p>Protein Interaction Partner: EGFR, UBC, NUP205, YWHAG, CWC27, SUMO2, CDC27,</p> <p>Protein Size: 342</p>
Molecular Weight:	38 kDa
Gene ID:	3226
NCBI Accession:	<a href="#">NM_017409</a> , <a href="#">NP_059105</a>
UniProt:	<a href="#">Q9NYD6</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 342 AA
Restrictions:	For Research Use only

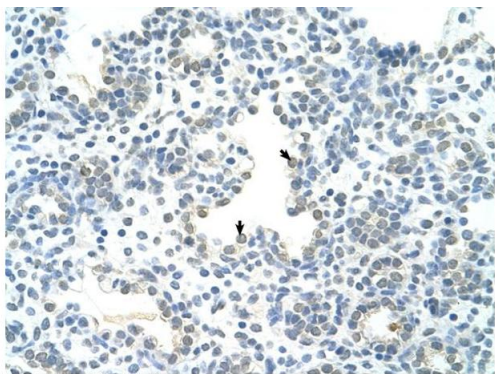
## Handling

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

## Handling

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.

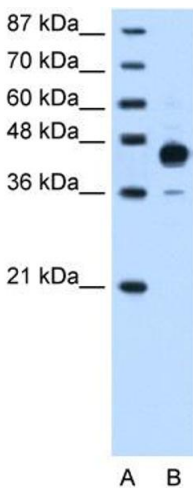
## Images



Rabbit Anti-HOXC10 Antibody  
Catalog Number: ARP39274  
Lot Number: QC9014  
Paraffin Embedded Tissue: Human Lung  
Cells with Positive label: Alveolar cells (Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X

### Immunohistochemistry

**Image 1.** Human Lung



### Western Blotting

**Image 2.** WB Suggested Anti-HOXC10 Antibody Titration:  
0.0625ug/ml ELISA Titer: 1:12500 Positive Control:  
Transfected 293T