



Datasheet for ABIN668065
anti-HOXC8 antibody (AA 51-130)



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2 Images

Overview

Quantity:	100 µL
Target:	HOXC8
Binding Specificity:	AA 51-130
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXC8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HOXC8
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	HOXC8
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Target Details

Alternative Name: HOXc8 ([HOXC8 Products](#))

Background: Synonyms: Hox-3.1, Homeo box 3A, Homeo box 8, Homeobox 3A, Homeobox C8, Homeobox protein Hox C8, Homeobox protein Hox-C8, Homeobox protein HoxC8, Homeobox protein R4, Homolog of mouse Hox 3.1, HOX 3, Hox 3.1 mouse homolog of, HOX 3A, HOX C8, Hox-3.1, MOUSE, HOMOLOG OF, Hox-3A, HOX3, HOX3A, HOXC 8, Hoxc-8, M31.

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.

Gene ID: 3224

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

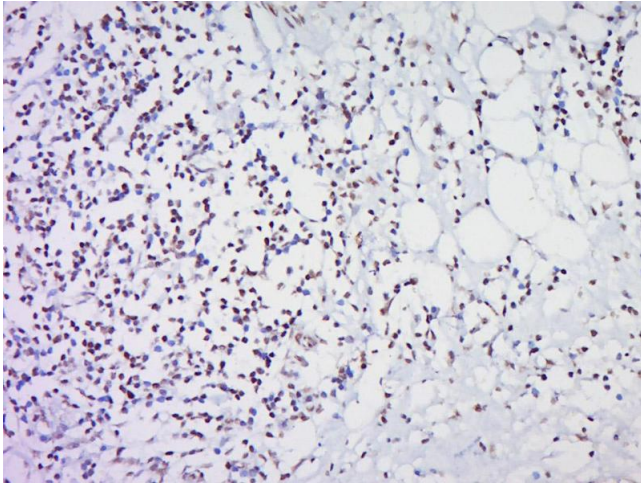
Storage: 4 °C, -20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

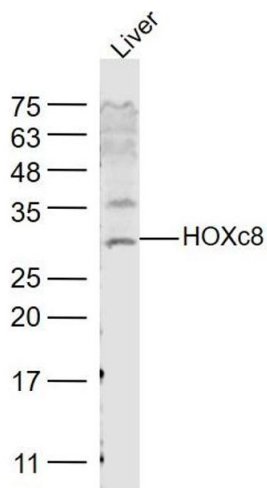
Expiry Date: 12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded Human Cervical cancer Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes Blocking buffer (normal goat serum) at 37°C for 30min Antibody incubation with HOXc8 Polyclonal Antibody, Unconjugated at 1:500 overnight at 4°C, DAB staining.



Western Blotting

Image 2. Rat liver lysates probed with HOXc8 Polyclonal Antibody, Unconjugated at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.