

Datasheet for ABIN2777520
anti-HOXC4 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	HOXC4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Dog, Cow, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXC4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HOXC4
Sequence:	MIMSSYLMDS NYIDPKFPPC EEYSQNSYIP EHSPEYYGRT RESGFQHHHQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against HOXC4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	HOXC4
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Target Details

Alternative Name:	HOXC4 (HOXC4 Products)
Background:	<p>HOXC4 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, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. Three genes, HOXC5, HOXC4 and HOXC6, are co-transcribed in a primary transcript. Subsequent processing results in gene-specific transcripts, which sometimes share a 5' non-coding exon.</p> <p>Alias Symbols: HOX3, cp19, HOX3E</p> <p>Protein Interaction Partner: NCK2, PRMT6, WHSC1L1, PRMT5, SUV39H1, LYN, ELMOD2, RNF32, HTT, XRCC5, POU2F1, XRCC6, SOX10, PRKDC,</p> <p>Protein Size: 264</p>
Molecular Weight:	29 kDa
Gene ID:	3221
NCBI Accession:	NM_153633 , NP_705897
UniProt:	P09017

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 264 AA
Restrictions:	For Research Use only

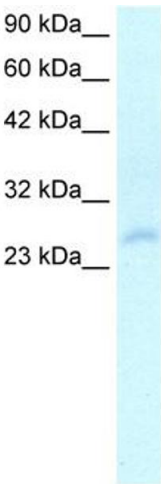
Handling

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

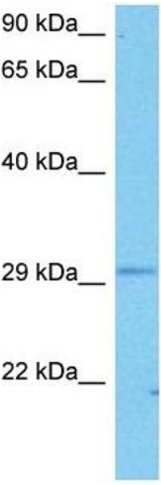
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-HOXC4 Antibody Titration:
2.0ug/ml Positive Control: Human Liver



Western Blotting

Image 2. Host: Mouse Target Name: HOXC4 Sample Tissue:
Mouse Liver Antibody Dilution: 1ug/ml