

Datasheet for ABIN2777521
anti-HOXC11 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	HOXC11
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Guinea Pig, Horse, Cow, Rabbit, Dog, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXC11 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human HOXC11
Sequence:	EAPPASGLAS RAEAGAEAEA EEENTNPSSS GSAHSVAKEP AKGAAPNAPR
Predicted Reactivity:	Cow: 100%, Dog: 85%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 92%, Rat: 100%, Yeast: 91%
Characteristics:	This is a rabbit polyclonal antibody against HOXC11. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HOXC11
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Target Details

Alternative Name:	HOXC11 (HOXC11 Products)
Background:	<p>HOXC11 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. HOXC11 is one of several homeobox HOXC proteins. HOXC11 binds to a promoter element of the lactase-phlorizin hydrolase. It may also play a role in early intestinal development. 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 binds to a promoter element of the lactase-phlorizin hydrolase. It also may play a role in early intestinal development. An alternatively spliced variant encoding a shorter isoform has been described but its full-length nature has not been determined.</p> <p>Alias Symbols: HOX3H, MGC4906</p> <p>Protein Interaction Partner: HTT, ELAVL1, CD2AP, SOX8, TBX21, GTF2A1L, HDAC5, STAT3, SP1, MEIS1, SMAD3, IRF4, GTF2H1,</p> <p>Protein Size: 304</p>
Molecular Weight:	34 kDa
Gene ID:	3227
NCBI Accession:	NM_014212 , NP_055027
UniProt:	O43248

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 304 AA
Restrictions:	For Research Use only

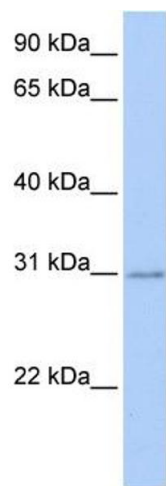
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

Handling

	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.

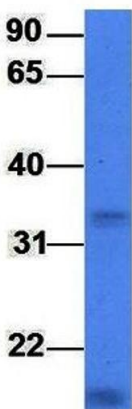
Images



Western Blotting

Image 1. WB Suggested Anti-HOXC11 Antibody Titration:
0.2-1 ug/ml Positive Control: Human brain

HOXC11



Western Blotting

Image 2. Host: Rabbit Target Name: HOXC11 Sample Type:
721_B Antibody Dilution: 1.0ug/ml HOXC11 is supported by
BioGPS gene expression data to be expressed in 721_B