

Datasheet for ABIN2779772

anti-HOXC12 antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	HOXC12
Binding Specificity:	N-Term
Reactivity:	Mouse, Human, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXC12 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Mouse
Sequence:	PLVNIHTGDT FYFPNFRASG AQLPGLPSLS YPRRDNVCSL PWPSAEPENG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against Hoxc12. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	HOXC12
Alternative Name:	Hoxc12 (HOXC12 Products)

Target Details

Background:	<p>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.</p> <p>Alias Symbols: Hox-3.8</p> <p>Protein Interaction Partner: Jade1, Nkx2-1, Rfxank, Pbx3, Pbx2, Pbx1, Pax6, Brca1,</p> <p>Protein Size: 280</p>
Molecular Weight:	30 kDa
Gene ID:	15421
NCBI Accession:	NM_010463 , NP_034593
UniProt:	Q8K5B8

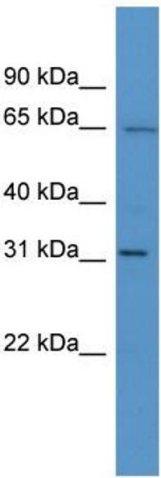
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 280 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.



Western Blotting

Image 1. WB Suggested Anti-Hoxc12 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Mouse Liver