

Datasheet for ABIN2775017
anti-HOXA3 antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	HOXA3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Guinea Pig, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXA3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human HOXA3
Sequence:	MQKATYYDSS AIYGGYPYQA ANGFAYNANQ QPYPASAALG ADGEYHRPAC
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against HOXA3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	HOXA3
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Target Details

Alternative Name:	HOXA3 (HOXA3 Products)
Background:	<p>In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. The HOXA3 gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation.</p> <p>Alias Symbols: HOX1, HOX1E</p> <p>Protein Interaction Partner: SEC23B, ARPC3, TINF2, POT1, TERF1, ALX4, PWP1, SOX10, E2F4,</p> <p>Protein Size: 443</p>
Molecular Weight:	46 kDa
Gene ID:	3200
NCBI Accession:	NM_030661 , NP_109377
UniProt:	O43365

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 443 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.

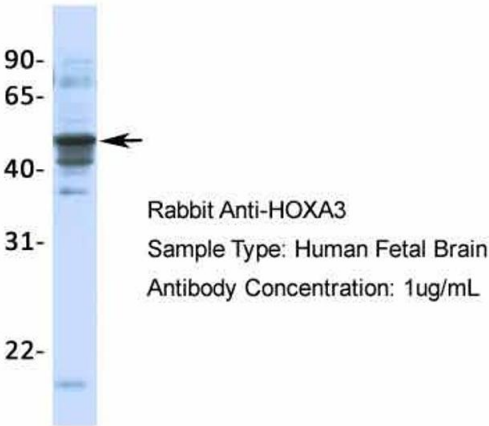
Images



Western Blotting

Image 1. WB Suggested Anti-HOXA3 Antibody Titration: 2.5ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate

HOXA3



Western Blotting

Image 2. Host: Rabbit Target Name: HOXA3 Sample Type: Human Fetal Brain Antibody Dilution: 1.0ug/ml



Western Blotting

Image 3. Host: Mouse Target Name: HOXA3 Sample Tissue: Mouse Pancreas Antibody Dilution: 1ug/ml