

Datasheet for ABIN2780301  
**anti-HOXA3 antibody (N-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	HOXA3
Binding Specificity:	N-Term
Reactivity:	Mouse, Rat
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 N terminal region of mouse HOXA3
Sequence:	YDSSAIYGGY PYQAANGFAY NASQQPYAPS AALGTDGVEY HRPACSLQSP
Predicted Reactivity:	Mouse: 100%, Rat: 93%
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
Alternative Name:	HOXA3 ( <a href="#">HOXA3 Products</a> )

## Target Details

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: Mo-10, Hox-1.5</p> <p>Protein Interaction Partner: Sox10,</p> <p>Protein Size: 443</p>
Molecular Weight:	49 kDa
Gene ID:	15400
NCBI Accession:	<a href="#">NM_010452</a> , <a href="#">NP_034582</a>
UniProt:	<a href="#">P02831</a>

## 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.



Western Blotting

**Image 1.** WB Suggested Anti-HOXA3 Antibody Titration:  
1.25ug/ml ELISA Titer: 1:1562500 Positive Control: NIH/3T3  
cell lysate