

Datasheet for ABIN3031248  
**anti-HOXA3 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	HOXA3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	An amino acid sequence from the C-terminus of human HOXA3 (HHPSQGRIQEAPKLTHL) was used as the immunogen for this HOXA3 antibody (100% homologous in human, mouse and rat).
Isotype:	IgG
Purification:	Antigen affinity

## Target Details

Target:	HOXA3
Alternative Name:	HOXA3 ( <a href="#">HOXA3 Products</a> )
Background:	Homeobox A3 is a protein that in humans is encoded by the HOXA3 gene, which is also part of the A cluster on chromosome 7. The gene encodes a DNA-binding transcription factor which

## Target Details

may regulate gene expression, morphogenesis, and differentiation. Its cytogenetic location is 7q15.2. 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. HOXA3 protein is able to complement Hoxd3 deficiency when expressed in the context of the Hoxd3 allele.

UniProt: [O43365](#)

## Application Details

**Application Notes:** The stated application concentrations are suggested starting amounts. Titration of the HOXA3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\.  
Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL

**Restrictions:** For Research Use only

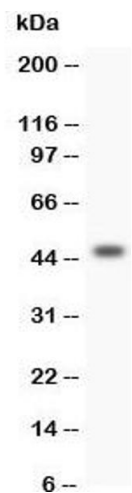
## Handling

**Buffer:** 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

**Storage:** -20 °C

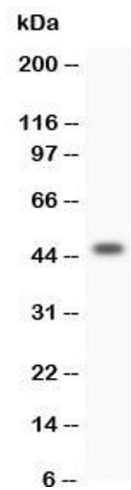
**Storage Comment:** After reconstitution, the HOXA3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

## Images



### Western Blotting

**Image 1.** Western blot testing of HOXA3 antibody and SW620 lysate; Predicted size: 46KD; Observed size: 46KD



Western Blotting

**Image 2.** Western blot testing of HOXA3 antibody and SW620 lysate