

## Datasheet for ABIN927798 **anti-HOXA5 antibody (C-Term)**

### 2 Images



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### Overview

Quantity:	100 µL
Target:	HOXA5
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Drosophila melanogaster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXA5 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	HOXA5 antibody was raised in rabbit using the C terminal of HOXA5 as the immunogen
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Fruit Fly (Drosophila melanogaster)
Purification:	Purified

### Target Details

Target:	HOXA5
Alternative Name:	HOXA5 ( <a href="#">HOXA5 Products</a> )
Background:	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. HOXA5 is a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and

## Target Details

differentiation. Methylation of the gene encoding HOXA5 may result in the loss of its expression and, since the encoded protein upregulates the tumor suppressor p53, this protein may play an important role in tumorigenesis. Synonyms: Polyclonal HOXA5 antibody, Anti-HOXA5 antibody, homeobox A5 antibody, HOX1 antibody, HOX1.3 antibody, HOX1C antibody, MGC9376 antibody.

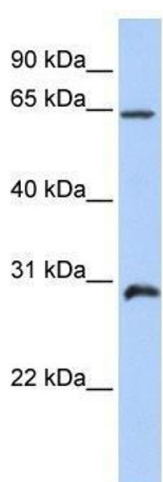
## Application Details

Application Notes:	Optimal conditions should be determined by the investigator.
Comment:	HOXA5 Blocking Peptide, catalog no. 33R-3010, is also available for use as a blocking control in assays to test for specificity of this HOXA5 antibody
Restrictions:	For Research Use only

## Handling

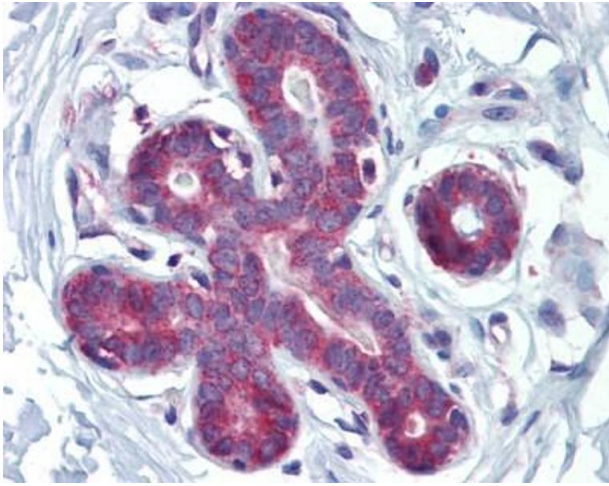
Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 $\mu$ L of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

## Images



### Western Blotting

**Image 1.** Western Blot showing HOXA5 antibody used at a concentration of 1.0  $\mu$ g/ml against Placenta Lysate



#### Immunohistochemistry

**Image 2.** HOXA5 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml. Magnification is at 400X