

## Product datasheet for **TA329289**

### HOXA5 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HOXA5 antibody: synthetic peptide directed towards the middle region of human HOXA5. Synthetic peptide located within the following region: VGTASGAEEDAPASSEQASAQSEPPAPPAQPQIYPWMRKLHISHDNIGG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	29 kDa
Gene Name:	homeobox A5
Database Link:	<a href="#">NP_061975</a> <a href="#">Entrez Gene 15402 Mouse</a> <a href="#">Entrez Gene 3202 Human</a> <a href="#">P20719</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. This 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. Methylation of this gene 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.



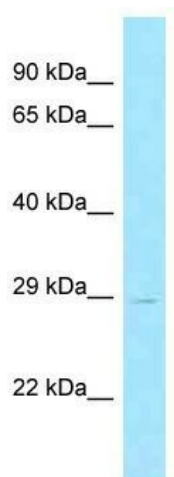
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**Synonyms:** HOX1; HOX1.3; HOX1C

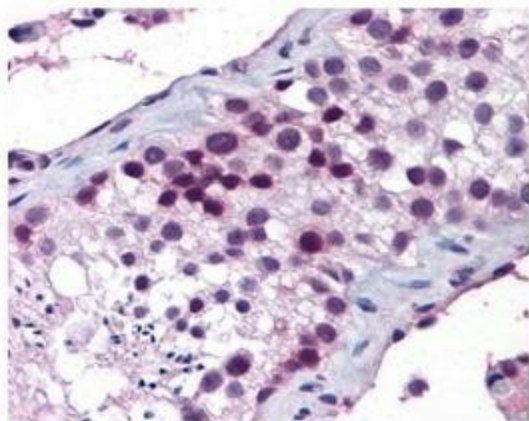
**Note:** Immunogen sequence homology: Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Rat: 93%; Mouse: 93%

**Protein Families:** Transcription Factors

**Product images:**

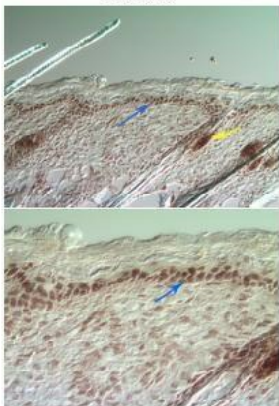


WB Suggested Anti-HOXA5 Antibody Titration:  
0.2-1 ug/ml; Positive Control: 721\_B cell lysate



Human kidney

## HOXA5



**Brown: HOXA5**

See IHC 2 Data and Customer Feedback for more information

Sample Type : Mouse dorsal skin -5d postnatal  
Primary Antibody Dilution : 1:200  
Secondary Antibody : Anti-rabbit-HRP  
Secondary Antibody Dilution : 1:500  
Color/Signal Descriptions : Brown: HOXA5  
Gene Name : HOXA5  
Submitted by : Alexander Awgulewitsch, Ph.D. Associate Professor - Dept. of Medicine  
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