

HOXA3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9890B

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	O43365
Other Accession	O42368 , P02831 , O93353 , Q08DG7
Reactivity	Human
Predicted	Bovine, Chicken, Mouse, Zebrafish
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB24647
Calculated MW	46369
Antigen Region	413-440

Additional Information

Gene ID	3200
Other Names	Homeobox protein Hox-A3, Homeobox protein Hox-1E, HOXA3, HOX1E
Target/Specificity	This HOXA3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 413-440 amino acids from the C-terminal region of human HOXA3.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	HOXA3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HOXA3
Synonyms	HOX1E

Function	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.
Cellular Location	Nucleus.

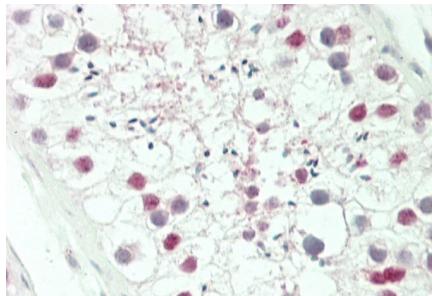
Background

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.

References

Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009)
Chung, N., et al. Mol. Biol. Rep. 36(2):227-235(2009)
Wissmuller, S., et al. Nucleic Acids Res. 34(6):1735-1744(2006)
Manzanares, M., et al. EMBO J. 21(3):365-376(2002)

Images



Formalin-fixed and paraffin-embedded *H. testis* tissue reacted with HOXA3 Antibody (C-term) (Cat#AP9890b).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.