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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, Rat, Canine, Rabbit
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.

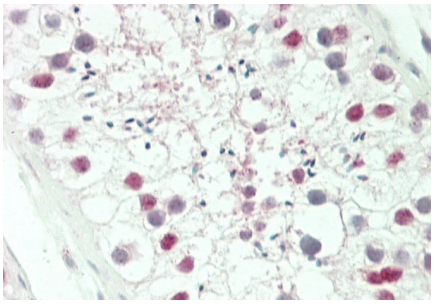
Background

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'.