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Homeo box C10 Rabbit pAb

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Catalog # AP56666

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9NYD6
Predicted	Rat, Pig, Human, Mouse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38073
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Homeo box C10
Epitope Specificity	161-260/342
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The protein level is controlled during cell differentiation and proliferation, which may indicate this protein has a role in origin activation. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	3226
Other Names	Homeobox protein Hox-C10, Homeobox protein Hox-3I, HOXC10, HOX3I
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	HOXC10
Synonyms	HOX3I
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

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