

HOXC9 Rabbit pAb

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Catalog # AP58821

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P31274
Reactivity	Human, Mouse, Rat
Predicted	Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29248
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HOXC9
Epitope Specificity	151-220/260
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.
SIMILARITY	Belongs to the Abd-B homeobox family. Contains 1 homeobox DNA-binding domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	HOXC9 plays 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.

Additional Information

Gene ID	3225
Other Names	Homeobox protein Hox-C9, Homeobox protein Hox-3B, HOXC9, HOX3B
Dilution	WB=1:500-2000, IHC-P=1:100-500, IHC-F=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

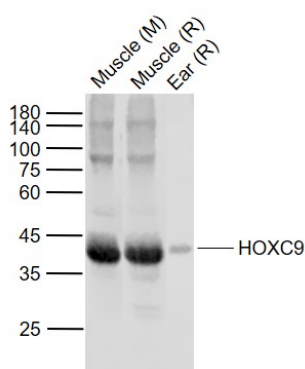
Name	HOXC9
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Synonyms	HOX3B
Function	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.
Cellular Location	Nucleus.

Background

HOXC9 plays 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.

Images



Sample:

Lane 1: Muscle (Mouse) Tissue Lysate at 40 ug

Lane 2: Muscle (Rat) Tissue Lysate at 40 ug

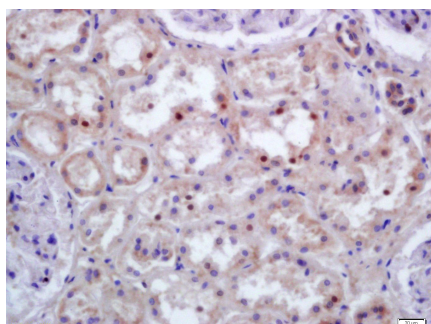
Lane 3: Ear (Rat) Tissue Lysate at 40 ug

Primary: Anti-HOXC9 (AP58821) at 1/200 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 29 kD

Observed band size: 40 kD



Tissue/cell: human kidney tissue; 4%

Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-HOXC9 Polyclonal Antibody, Unconjugated(AP58821) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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