

HOXD10 Rabbit pAb

Catalog # AP97376

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P28358
Other Accession	P28358
Reactivity	Rat
Predicted	Pig, Human, Mouse, Rabbit, Chicken, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38411
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HOXD10
Epitope Specificity	111-210/340
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the Abd-B homeobox family. Contains 1 homeobox DNA-binding domain.
DISEASE	Defects in HOXD10 are a cause of congenital vertical talus (CVT) [MIM:192950]; also known as rocker-bottom foot deformity or congenital convex pes valgus. CVT is a dislocation of the talonavicular joint, with rigid dorsal dislocation of the navicular over the neck of the talus. This condition is usually associated with multiple other congenital deformities and only rarely is an isolated deformity.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	HOXD10 is a sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.

Additional Information

Gene ID	3236
Other Names	HOX4; HOX4D; HOX4E; Hox-4.4; Hox-4.5; Hox-5.3; HXD10_HUMAN; HOXD10; Homeobox protein Hox-4D; Homeobox protein Hox-4E; HXD10_MOUSE; Homeobox protein Hox-4.5; Homeobox protein Hox-5.3; Hoxd-10; homeobox D10; homeo box D10
Dilution	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	HOXD10
Synonyms	HOX4D, HOX4E
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.
Tissue Location	Strongly expressed in the adult male and female urogenital tracts

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