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Product datasheet for TA329718

HOXD11 Rabbit Polyclonal Antibody

Product data:

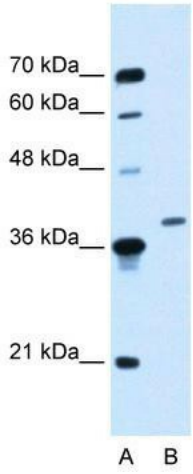
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HOXD11 antibody: synthetic peptide directed towards the middle region of human HOXD11. Synthetic peptide located within the following region: GFDQFYEAAPGPPFAGPQPPPPPAPPQPEGAADKGDPRTGAGGGGGSPCT
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	35 kDa
Gene Name:	homeobox D11
Database Link:	NP_067015 Entrez Gene 3237 Human P31277

Background: HOXD11 belongs to the homeobox family. This family play an important role in morphogenesis in all multicellular organisms. The mouse Hoxd11 plays a role in forelimb morphogenesis.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, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXD genes located in a cluster on chromosome 2. Deletions that remove the entire HOXD gene cluster or the 5' end of this cluster have been associated with severe limb and genital abnormalities. The product of the mouse Hoxd11 gene plays a role in forelimb morphogenesis.

Synonyms: HOX4; HOX4F

Note: Immunogen sequence homology: Human: 100%; Dog: 92%; Mouse: 85%; Rabbit: 85%; Sheep: 83%; Bovine: 83%

Product images:



WB Suggested Anti-HOXD11 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: HepG2 cell lysate