

HOXD11

Reactivity:Human Mouse

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:2000

Calculated MW:35kDa

Observed MW:Refer to figures

Immunogen:

A synthetic peptide of human HOXD11

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

HOX4; HOX4F;

Catalog #:A2978

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:3237

Isotype:IgG

Swiss Prot:P31277

Purity:Affinity purification

For research use only.

Background:

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.

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