

## HOXD10

**Reactivity:** Human Mouse Rat

**Tested applications:** WB

**Recommended Dilution:** WB 1:500 - 1:2000

**Calculated MW:** 38kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human HOXD10

**Storage Buffer:**

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

**Synonym:**

HOX4; HOX4D; HOX4E; Hox-4.4;

**Catalog #:** A7686

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 3236

**Isotype:** IgG

**Swiss Prot:** P28358

**Purity:** Affinity purification

For research use only.

**Background:**

This gene is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox D genes located on chromosome 2.

The encoded nuclear protein functions as a sequence-specific transcription factor that is expressed in the developing limb buds and is involved in differentiation and limb development.

Mutations in this gene have been associated with Wilm's tumor and congenital vertical talus (also known as "rocker-bottom foot" deformity or congenital convex pes valgus) and/or a foot deformity resembling that seen in Charcot-Marie-Tooth disease.

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