

订购热线: 4008-898-798

## Anti-HOXD10 antibody

**Cat. No.** ml262929

Package 25  $\mu$ l/100  $\mu$ l/200  $\mu$ l

**Storage** -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

**Product overview** 

**Description** Anti-HOXD10 rabbit polyclonal antibody

Applications ELISA, IHC

**Immunogen** Synthetic peptide of human HOXD10

ReactivityHuman, MouseContent0.8 mg/mlHost speciesRabbit

Ig classImmunogen-specific rabbit IgGPurificationAntigen affinity purification

**Target information** 

Symbol HOXD10
Full name homeobox D10

Synonyms HOX4; HOX4D; HOX4E; Hox-4.4

Swissprot P28358

## **Target 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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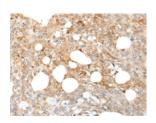
## **Applications**

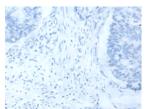
## **Immunohistochemistry**

Predicted cell location: Nucleus

Positive control: Human colorectal cancer

Recommended dilution: 25-100

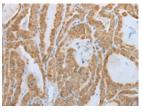




The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ml262929(HOXD10 Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: ×200)

**ELISA** 

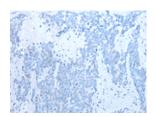
Recommended dilution: 5000-10000



Predicted cell location: Nucleus

Recommended dilution: 25-100

Positive control: Human thyroid cancer



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml262929(HOXD10 Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: ×200)

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