

## Product datasheet for **AP52084PU-N**

### HOXD10 (C-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>Western Blot:</b> 1/500 - 1/1000.
Reactivity:	Human, Mouse, Zebrafish
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 305-334 amino acids from the C-terminal region of Human HOXD10
Specificity:	This antibody recognizes Mouse and Zebrafish HOXB10 (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	homeobox D10
Database Link:	<a href="#">Entrez Gene 15430 Mouse</a> <a href="#">Entrez Gene 3236 Human</a> <a href="#">P28358</a>



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**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.

**Synonyms:**

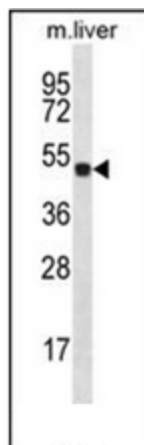
Homeobox protein Hox-D10, HOX4D, Hox-4D, Hox-4E

**Note:**

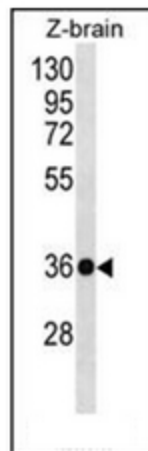
**Molecular Weight:** 38411 Da

**Protein Families:**

Druggable Genome, Transcription Factors

**Product images:**

Western blot analysis of HOXD10 Antibody (C-term) in mouse liver tissue lysates (35ug/lane). This demonstrates the HOXD10 antibody detected the HOXD10 protein (arrow).



Western blot analysis of HOXD10 Antibody (C-term) in Zebrafish brain tissue lysates (35ug/lane). This demonstrates the HOXD10 antibody detected the HOXD10 protein (arrow).