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Datasheet for ABIN952783

## anti-HOXD10 antibody (C-Term)

### 2 Images

#### Overview

Quantity:	0.4 mL
Target:	HOXD10
Binding Specificity:	AA 304-334, C-Term
Reactivity:	Human, Mouse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXD10 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

#### Product Details

Immunogen:	KLH conjugated synthetic peptide between 304-334 amino acids from the C-terminal region of Human HOXD10
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Mouse and Zebrafish HOXB10 (C-term).
Cross-Reactivity (Details):	Species reactivity (expected):Human. Species reactivity (tested):Mouse, Zebrafish.
Purification:	Protein A column, followed by peptide affinity purification

#### Target Details

Target:	HOXD10
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## Target Details

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Alternative Name:	HOXD10 ( <a href="#">HOXD10 Products</a> )
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: HOX4D, Homeobox protein Hox-D10, Hox-4D, Hox-4E
Gene ID:	3236
NCBI Accession:	<a href="#">NP_002139</a>

## Application Details

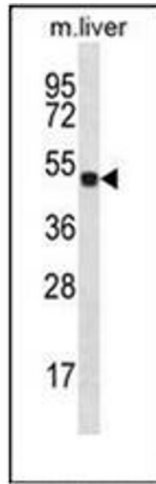
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

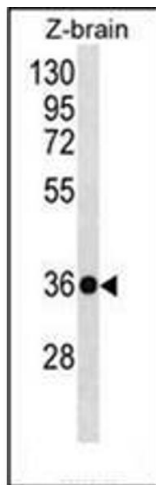
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Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



#### Western Blotting

**Image 1.** 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 Blotting

**Image 2.** 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).