abcam

Product datasheet

# Anti-HOXD10 antibody ab76897

★★★★★ 1 Abreviews 4 References 画像数 2

## 製品の概要

| | |
|---|---|
| **製品名** | Anti-HOXD10 antibody |
| **製品の詳細** | Rabbit polyclonal to HOXD10 |
| **由来種** | Rabbit |
| **アプリケーション** | **適用あり:** WB, IHC-Fr |
| **種交差性** | **交差種:** Mouse, Human<br>**交差が予測される動物種:** Cow, Chimpanzee, Monkey, Gorilla |
| **免疫原** | Synthetic peptide conjugated to KLH derived from within residues 100 - 200 of Human HOXD10.Immunogen の所有権に関して(Peptide available as **ab90993**.) |
| **ポジティブ・コントロール** | This antibody gave a positive signal in JEG3 whole cell lysate and in the following tissue lysates: Human ovary; Human testis; Human prostate. |

## 製品の特性

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| **製品の状態** | Liquid |
| **保存方法** | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| **バッファー** | Preservative: 0.02% Sodium Azide<br>Constituents: 1% BSA, PBS, pH 7.4 |
| **精製度** | Immunogen affinity purified |
| **ポリ/モノ** | ポリクローナル |
| **アイソタイプ** | IgG |

## アプリケーション

**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab76897の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項 |
|---|---|---|
| **WB** | | Use a concentration of 1 µg/ml. Detects a band of approximately 38 kDa (predicted molecular weight: 38 kDa). |

| アプリケーション | Abreviews | 特記事項 |
|---|---|---|
| **IHC-Fr** | ★★★★★ (1) | 1/16000. |

## ターゲット情報

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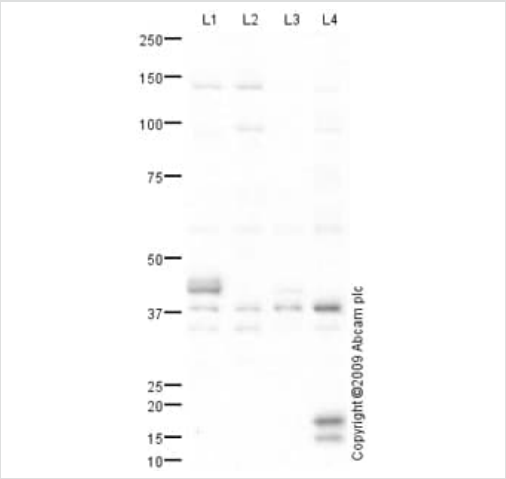
|---|---|
| **機能** | Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. |
| **組織特異性** | Strongly expressed in the adult male and female urogenital tracts. |
| **関連疾患** | Defects in HOXD10 are a cause of congenital vertical talus (CVT) [MIM:192950]; also known as rocker-bottom foot deformity or congenital convex pes valgus. CVT is a dislocation of the talonavicular joint, with rigid dorsal dislocation of the navicular over the neck of the talus. This condition is usually associated with multiple other congenital deformities and only rarely is an isolated deformity. |
| **配列類似性** | Belongs to the Abd-B homeobox family.<br>Contains 1 homeobox DNA-binding domain. |
| **発生段階** | Expressed in the developing limb buds. |
| **細胞内局在** | Nucleus. |

## 画像




Western blot - Anti-HOXD10 antibody (ab76897)

**All lanes :** Anti-HOXD10 antibody (ab76897) at 1 µg/ml

**Lane 1 :** Human ovary tissue lysate - total protein (**ab30222**)
**Lane 2 :** Human testis tissue lysate - total protein (**ab30257**)
**Lane 3 :** Human prostate tissue lysate - total protein (**ab30304**)
**Lane 4 :** JEG-3 (Human placental choriocarcinoma cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

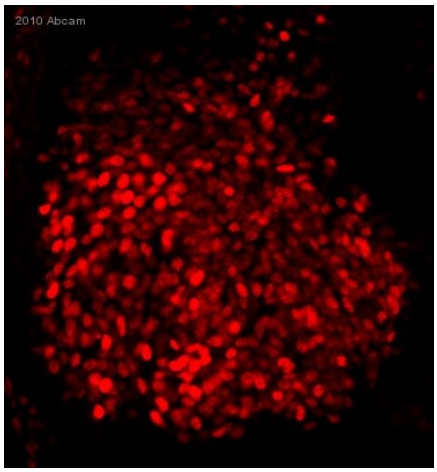
**Secondary**
**All lanes :** Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 38 kDa
**Observed band size:** 38 kDa
**Additional bands at:** 146 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 30 seconds




Immunohistochemistry (Frozen sections) - Anti-HOXD10 antibody (ab76897)

This image is courtesy of an anonymous Abreview

ab76897 staining HOXD10 in Mouse spinal cord tissue sections by Immunohistochemistry (IHC-Fr - frozen sections). Tissue was fixed with paraformaldehyde, permeabilized with 0.1% Triton and blocked with 1% BSA for 30 minutes at 25°C. Samples were incubated with primary antibody (1/16000 in PBS + 0.1% Triton + 0.1% BSA) for 18 hours at 4°C. A Cy3®-conjugated Donkey anti-rabbit IgG polyclonal (1/800) was used as the secondary antibody.

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