abcam

Product datasheet

Anti-FGF10 antibody ab91024

画像数 1

製品の概要

製品名	Anti-FGF10 antibody
製品の詳細	Rabbit polyclonal to FGF10
由来種	Rabbit
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Human **交差が予測される動物種:** Rat, Sheep, Non human primates
免疫原	Synthetic peptide conjugated to KLH derived from within residues 150 to the C-terminus of Human FGF10.Immunogen **の所有権に関して**
ポジティブ・コントロール	This antibody gave a positive signal in Human lung tissue lysate and A549 whole cell lysate.

製品の特性

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 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

Our Abpromise guarantee covers the use of **ab91024** in the following tested applications.

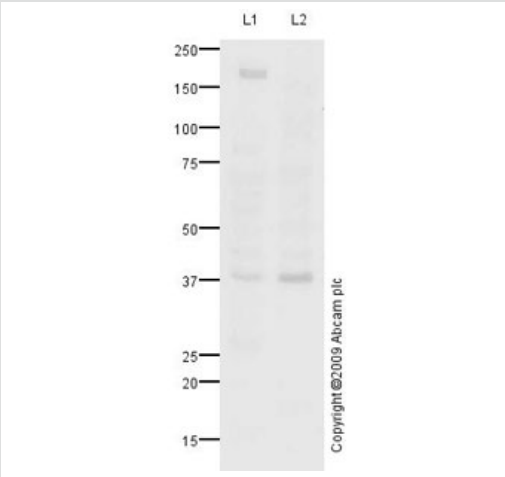
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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 37 kDa (predicted molecular weight: 23 kDa).

ターゲット情報

機能	Could be a growth factor active in the process of wound healing. Acts as a mitogen in the lung. May act in a manner similar to FGF-7.
関連疾患	Defects in FGF10 are the cause of autosomal dominant aplasia of lacrimal and salivary glands (ALSG) [MIM:180920]. ALSG has variable expressivity, and affected individuals may have aplasia or hypoplasia of the lacrimal, parotid, submandibular and sublingual glands and absence of the lacrimal puncta. The disorder is characterized by irritable eyes, recurrent eye infections, epiphora (constant tearing) and xerostomia (dryness of the mouth), which increases the risk of dental erosion, dental caries, periodontal disease and oral infections. Defects in FGF10 are a cause of lacrimo-auriculo-dento-digital syndrome (LADDS) [MIM:149730]; also known as Levy-Hollister syndrome. LADDS is a form of ectodermal dysplasia, a heterogeneous group of disorders due to abnormal development of two or more ectodermal structures. LADDS is an autosomal dominant syndrome characterized by aplastic/hypoplastic lacrimal and salivary glands and ducts, cup-shaped ears, hearing loss, hypodontia and enamel hypoplasia, and distal limb segments anomalies. In addition to these cardinal features, facial dysmorphism, malformations of the kidney and respiratory system and abnormal genitalia have been reported. Craniosynostosis and severe syndactyly are not observed.
配列類似性	Belongs to the heparin-binding growth factors family.
細胞内局在	Secreted.

画像



Western blot - Anti-FGF10 antibody (ab91024)

All lanes : Anti-FGF10 antibody (ab91024) at 1 µg/ml

Lane 1 : Lung (Human) Tissue Lysate
Lane 2 : A549 (Human lung adenocarcinoma epithelial 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: 23 kDa
Observed band size: 37 kDa
Additional bands at: 160 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 3 minutes

FGF10 contains a number of potential glycosylation sites (SwissProt) which may explain its migration at a higher molecular weight than predicted. Furthermore, the 37 kDa band observed is comparable to the molecular weight seen with other commercially available antibodies to FGF10.

- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit http://www.abcam.co.jp/abpromise or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors