abcam

Product datasheet

Anti-Collagen VI antibody ab99249

1 References　画像数 1

製品の概要

製品名	Anti-Collagen VI antibody
製品の詳細	Rabbit polyclonal to Collagen VI
由来種	Rabbit
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Mouse, Human **交差が予測される動物種:** Rat, Horse, Cow, Dog, Pig, Chimpanzee, Macaque monkey, Gorilla
免疫原	Synthetic peptide conjugated to KLH derived from within residues 150 - 250 of Human Collagen VI.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 the following tissue lysates: Human Skeletal Muscle; Human Skin; Human Heart as well as the following whole cell lysates: MEF1; NIH3T3; STO; WI38.

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	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS Note: Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
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 **ab99249** in the following tested applications.

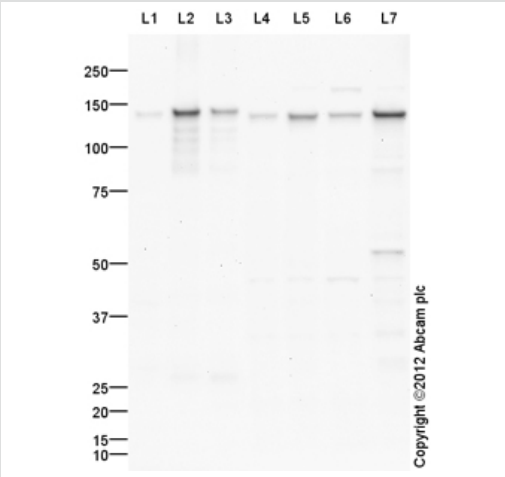
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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 147 kDa (predicted molecular weight: 108 kDa).

ターゲット情報

機能	Collagen VI acts as a cell-binding protein.
関連疾患	Defects in COL6A1 are a cause of Bethlem myopathy (BM) [MIM:158810]. BM is a rare autosomal dominant proximal myopathy characterized by early childhood onset (complete penetrance by the age of 5) and joint contractures most frequently affecting the elbows and ankles. Defects in COL6A1 are a cause of Ullrich congenital muscular dystrophy (UCMD) [MIM:254090]; also known as Ullrich scleroatonic muscular dystrophy. UCMD is an autosomal recessive congenital myopathy characterized by muscle weakness and multiple joint contractures, generally noted at birth or early infancy. The clinical course is more severe than in Bethlem myopathy.
配列類似性	Belongs to the type VI collagen family. Contains 3 VWFA domains.
翻訳後修飾	Prolines at the third position of the tripeptide repeating unit (G-X-Y) are hydroxylated in some or all of the chains.
細胞内局在	Secreted > extracellular space > extracellular matrix.

画像



Western blot - Anti-Collagen VI antibody (ab99249)

All lanes : Anti-Collagen VI antibody (ab99249) at 1 µg/ml

Lane 1 : Human skeletal muscle tissue lysate - total protein (ab29330)
Lane 2 : Human thymus tissue lysate - total protein (ab30146)
Lane 3 : Human heart tissue lysate - total protein (ab29431)
Lane 4 : MEF1 (Mouse embryonic fibroblast cell line) Whole Cell Lysate
Lane 5 : NIH 3T3 (Mouse embryonic fibroblast cell line) Whole Cell Lysate
Lane 6 : STO (Mouse embryonic fibroblast cell line) Whole Cell Lysate
Lane 7 : WI-38 whole cell lysate (ab3960)

Lysates/proteins at 10 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (ab97080) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 108 kDa
Observed band size: 147 kDa
Additional bands at: 53 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 2 minutes

The expression profile observed is consistent with what has been described in the literature (PMID:18276594). Collagen VI contains a number of potential glycosylation sites (SwissProt) which may explain its migration at a higher molecular weight than predicted.

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- 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 https://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