

### Anti-alpha 1 Fetoprotein antibody ab46799

★★★★★ [7 Abreviews](#) [38 References](#) [画像数 2](#)

#### 製品の概要

製品名	Anti-alpha 1 Fetoprotein antibody
製品の詳細	Rabbit polyclonal to alpha 1 Fetoprotein
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-P, WB <b>適用なし:</b> Flow Cyt, ICC/IF or IP
種交差性	<b>交差種:</b> Mouse, Rat, Cat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	HepG2 cell lysate; Human fetal liver tissue
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A 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ab46799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確認ください。

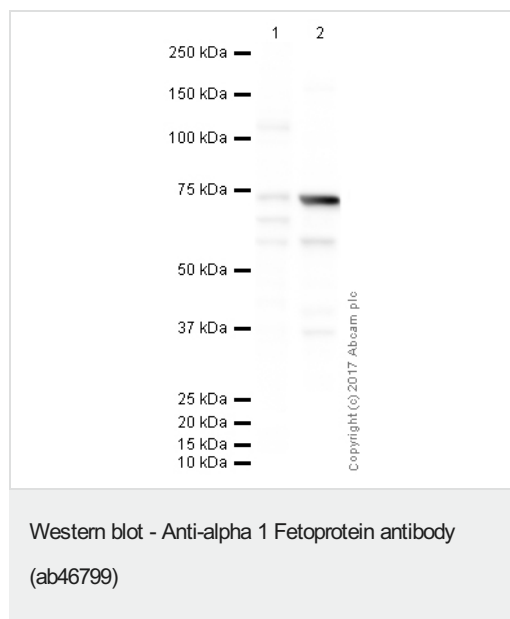
アプリケーション	Abreviews	特記事項
IHC-P	★★★★★ (4)	Use at an assay dependent concentration.
WB	★★★★★ (1)	Use a concentration of 1 µg/ml. Detects a band of approximately 73 kDa (predicted molecular weight: 69 kDa).

**追加情報** Is unsuitable for Flow Cyt, ICC/IF or IP.

## ターゲット情報

<b>機能</b>	Binds copper, nickel, and fatty acids as well as, and bilirubin less well than, serum albumin. Only a small percentage (less than 2%) of the human AFP shows estrogen-binding properties.
<b>組織特異性</b>	Plasma. Synthesized by the fetal liver and yolk sac.
<b>配列類似性</b>	Belongs to the ALB/AFP/VDB family. Contains 3 albumin domains.
<b>発生段階</b>	Occurs in the plasma of fetuses more than 4 weeks old, reaches the highest levels during the 12th-16th week of gestation, and drops to trace amounts after birth. The serum level in adults is usually less than 40 ng/ml. AFP occurs also at high levels in the plasma and ascitic fluid of adults with hepatoma.
<b>翻訳後修飾</b>	Independent studies suggest heterogeneity of the N-terminal sequence of the mature protein and of the cleavage site of the signal sequence. Sulfated.
<b>細胞内局在</b>	Secreted.

## 画像



**All lanes :** Anti-alpha 1 Fetoprotein antibody (ab46799) at 1 µg/ml

**Lane 1 :** HepG2 (Human) Whole Cell Lysate

**Lane 2 :** Human liver tissue lysate - total protein ([ab29889](#))

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) preadsorbed at 1/50000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

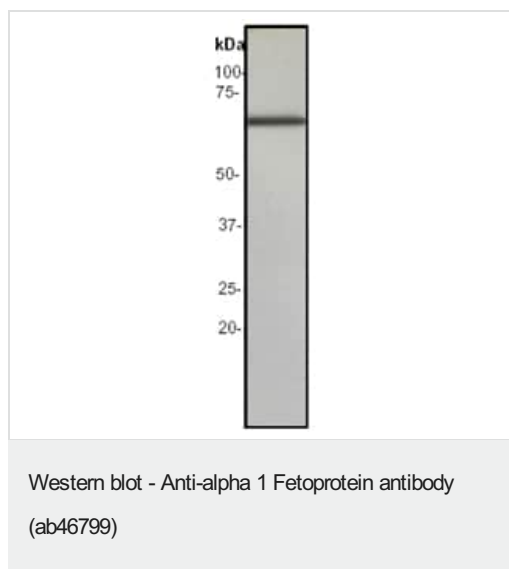
**Predicted band size:** 69 kDa

**Observed band size:** 73 kDa

**Additional bands at:** 58 kDa, 65 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 1 minute

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 2% Bovine Serum Albumin before being incubated with ab46799 overnight at 4°C. Antibody binding was detected using an anti-rabbit antibody conjugated to HRP, and visualised using ECL development solution **ab133406**.



Anti-alpha 1 Fetoprotein antibody (ab46799) at 1/50000 dilution + HepG2 cell lysate at 10 µg

#### **Secondary**

Goat anti-rabbit HRP labeled, at 1/2000 dilution

**Predicted band size:** 69 kDa

**Observed band size:** 69 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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