

# Anti-COUP TF1 antibody [EPR10841] ab181137

リコンビナント RabMAb<sup>®</sup>

**11 References** [画像数 12](#)

### 製品の概要

製品名	Anti-COUP TF1 antibody [EPR10841]
製品の詳細	Rabbit monoclonal [EPR10841] to COUP TF1
由来種	Rabbit
特異性	The mouse and rat recommendation is based on the WB results. We do not guarantee IHC-P for mouse and rat.
アプリケーション	<b>適用あり:</b> Flow Cyt (Intra), WB, IHC-P, ICC/IF
種交差性	<b>交差種:</b> Mouse, Rat, 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	Human fetal brain, Human fetal kidney and 293 cell lysates; Human glioblastoma tissue, Human transitional cell carcinoma tissue, and 293 cells. Mouse E12.5 brain lysates, human breast carcinoma, MCF7.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

### 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 long term. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 0.05% BSA, 40% Glycerol
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名                   EPR10841  
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ab181137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
Flow Cyt (Intra)		1/500. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody. For unpurified use at 1/70.
WB		1/1000. Detects a band of approximately 46 kDa (predicted molecular weight: 46 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. The mouse and rat recommendation is based on the WB results. We do not guarantee IHC-P for mouse and rat.
ICC/IF		1/100 - 1/250.

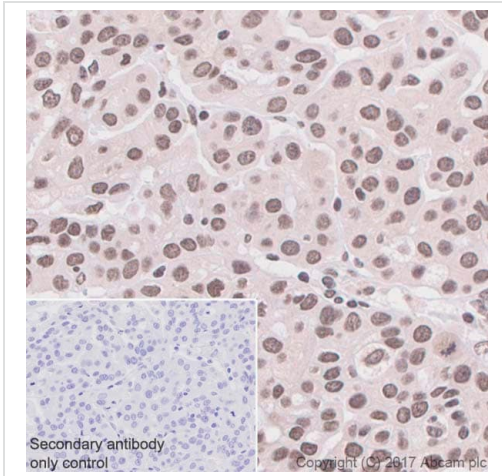
#### ターゲット情報

**機能**                               Coup (chicken ovalbumin upstream promoter) transcription factor binds to the ovalbumin promoter and, in conjunction with another protein (S300-II) stimulates initiation of transcription. Binds to both direct repeats and palindromes of the 5'-AGGTCA-3' motif. Represses transcriptional activity of LHCG.

**配列類似性**                       Belongs to the nuclear hormone receptor family. NR2 subfamily.  
Contains 1 nuclear receptor DNA-binding domain.

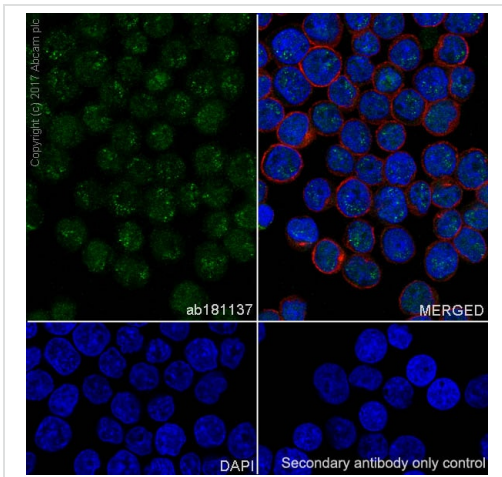
**細胞内局在**                       Nucleus.

#### 画像



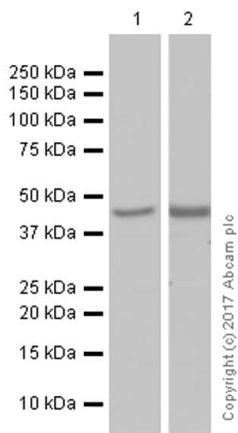
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-COUP TF1 antibody [EPR10841] (ab181137)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human breast carcinoma tissue sections labeling COUP TF1 with Purified ab181137 at 1:100 dilution. Heat mediated antigen retrieval was performed using citrate buffer, pH6.0 . Tissue was counterstained with Hematoxylin. ImmunoHistoProbe one step HRP Polymer (ready to use) secondary antibody was used at 1:0 dilution. PBS instead of the primary antibody was used as the negative control.



Immunocytochemistry/ Immunofluorescence - Anti-COUP TF1 antibody [EPR10841] (ab181137)

Immunocytochemistry/ Immunofluorescence analysis of Jurkat (Human T cell leukemia T lymphocyte) cells labeling Coup TF1 with Purified ab181137 at 1:100 dilution. Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. Cells were counterstained with Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1:200 (2.5 µg/ml). **ab150077** Goat anti rabbit IgG(Alexa Fluor® 488) was used as the secondary antibody at 1:1000 dilution. DAPI nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



Western blot - Anti-COUP TF1 antibody [EPR10841] (ab181137)

**All lanes :** Anti-COUP TF1 antibody [EPR10841] (ab181137) at 1/5000 dilution (purified)

**Lane 1 :** Human fetal brain lysates

**Lane 2 :** Human fetal kidney lysates

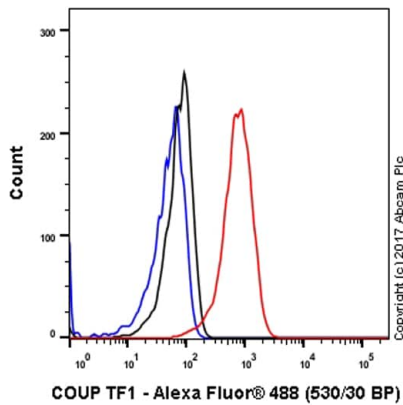
Lysates/proteins at 20 µg per lane.

**Secondary**

**All lanes :** Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

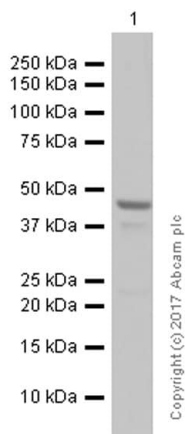
**Predicted band size:** 46 kDa

Blocking and diluting buffer: 5% NFDm/TBST.



Flow Cytometry (Intracellular) - Anti-COUP TF1 antibody [EPR10841] (ab181137)

Intracellular Flow Cytometry analysis of MCF7 (Human cervix adenocarcinoma epithelial cell) cells labeling COUP TF1 with purified ab181137 at 1/500 dilution (red). Cells were fixed with 4% Paraformaldehyde. A Goat anti rabbit IgG (Alexa Fluor® 488) secondary antibody was used at 1/2000 dilution. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cell without incubation with primary antibody and secondary antibody (Blue).



Western blot - Anti-COUP TF1 antibody [EPR10841] (ab181137)

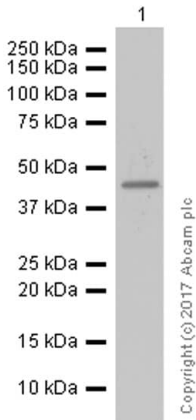
Anti-COUP TF1 antibody [EPR10841] (ab181137) at 1/1000 dilution (purified) + Rat brain lysates at 20  $\mu$ g

**Secondary**

Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

**Predicted band size:** 46 kDa

Blocking and diluting buffer: 5% NFDm/TBST.



Western blot - Anti-COUP TF1 antibody [EPR10841] (ab181137)

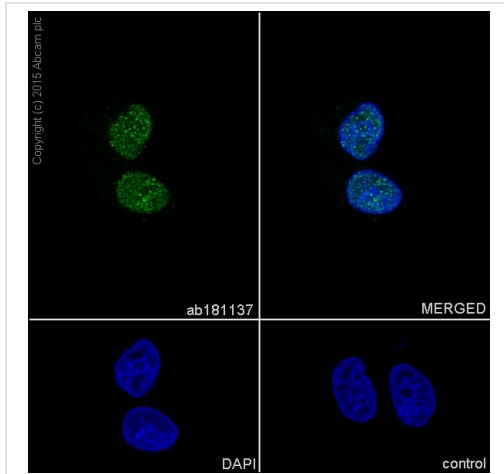
Anti-COUP TF1 antibody [EPR10841] (ab181137) at 1/5000 dilution (purified) + Mouse E12.5 brain lysates at 15  $\mu$ g

**Secondary**

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

**Predicted band size:** 46 kDa

Blocking and diluting buffer: 5% NFDm/TBST

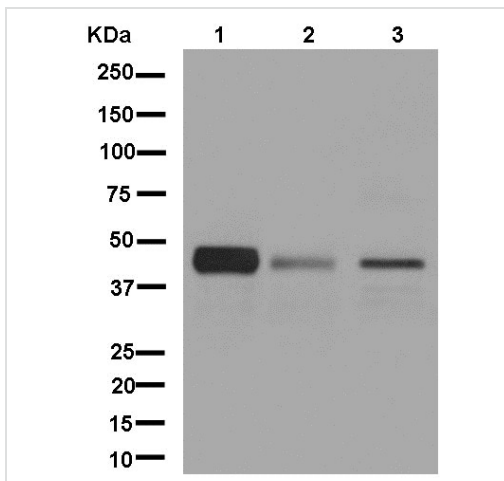


Immunocytochemistry/Immunofluorescence analysis of MCF-7 cells labelling COUP TF1 with unpurified ab181137 at 1/500. Cells were fixed with 4% Paraformaldehyde. **ab150077**, an Alexa Fluor<sup>®</sup> 488-conjugated goat anti-rabbit IgG (1/1000) was used as the secondary antibody.

**Control:** PBS only.

**Nuclear counter stain:** DAPI.

Immunocytochemistry/ Immunofluorescence - Anti-COUP TF1 antibody [EPR10841] (ab181137)



**All lanes :** Anti-COUP TF1 antibody [EPR10841] (ab181137) at 1/1000 dilution (unpurified)

**Lane 1 :** Human fetal brain lysate with NFDM/TBST

**Lane 2 :** Human fetal kidney lysate with NFDM/TBST

**Lane 3 :** 293 cell lysate with NFDM/TBST

Lysates/proteins at 20 µg per lane.

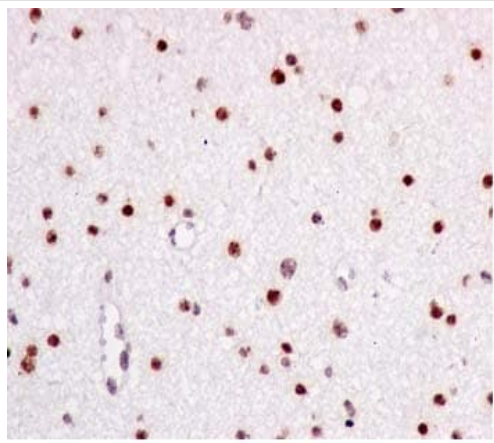
Blocking peptides at 5 % per lane.

Western blot - Anti-COUP TF1 antibody [EPR10841] (ab181137)

**Secondary**

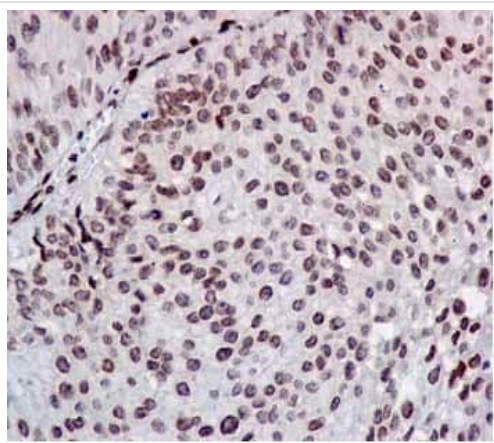
**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) (**ab136636**) at 1/500 dilution

**Predicted band size:** 46 kDa



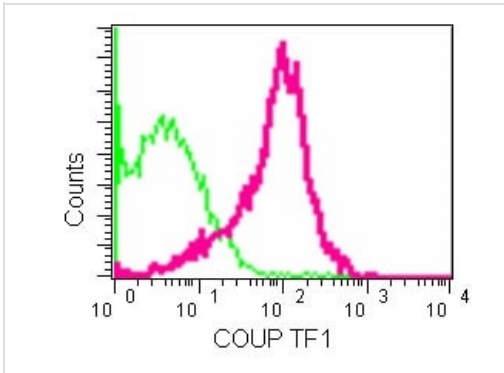
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-COUP TF1 antibody [EPR10841] (ab181137)

Immunohistochemical analysis of paraffin-embedded Human glioblastoma staining COUP TF1 using unpurified ab181137 at 1/100. Prediluted HRP Polymer for Rabbit IgG was used as a secondary antibody, and Hematoxylin for counterstaining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-COUP TF1 antibody [EPR10841] (ab181137)





Immunohistochemical analysis of paraffin-embedded Human transitional cell carcinoma staining COUP TF1 using unpurified ab181137 at 1/100. Prediluted HRP Polymer for Rabbit IgG was used as a secondary antibody, and Hematoxylin for counterstaining.



Intracellular flow cytometric analysis of COUP TF1 labeling 2% paraformaldehyde fixed 293 cells using unpurified ab181137 at 1/70 dilution (red), compared to a Rabbit monoclonal IgG isotype control (green). Goat anti rabbit IgG (FITC) secondary antibody was used at 1/150 dilution.

Flow Cytometry (Intracellular) - Anti-COUP TF1 antibody [EPR10841] (ab181137)

Why choose a recombinant antibody?

 <b>Research with confidence</b> Consistent and reproducible results	 <b>Long-term and scalable supply</b> Recombinant technology
 <b>Success from the first experiment</b> Confirmed specificity	 <b>Ethical standards compliant</b> Animal-free production

Anti-COUP TF1 antibody [EPR10841] (ab181137)

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

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