

Anti-COUP TF1 antibody [H8132] ab41858

[7 References](#) [4 图像](#)

概述

| | |
|-------|---|
| 产品名称 | Anti-COUP TF1抗体[H8132] |
| 描述 | 小鼠单克隆抗体[H8132] to COUP TF1 |
| 宿主 | Mouse |
| 特异性 | This antibody specifically recognizes human COUP TFI and cross reacts with mouse and rat COUP TF I. This antibody does not recognize human COUP TFII and EAR2. |
| 经测试应用 | 适用于: Flow Cyt, WB, ELISA, IHC-P |
| 种属反应性 | 与反应: Mouse, Rat, Human |
| 免疫原 | Immunized with Baculovirus-expressed Recombinant fragment: SSWRDPQDDV AGGNPGGPNP AAQAARGGGG GAGEQQQQAG SGAPHTPQTP GQPGAQ, corresponding to amino acids 6-81 of Human COUP TF1. Run BLAST with ExPASy Run BLAST with NCBI |
| 阳性对照 | Human Prostate gland, Rat Cerebrum. |

性能

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| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. |
| 存储溶液 | Preservative: 0.1% Sodium azide Physiological saline. |
| 纯化说明 | Purified from ascites by ammonium Sulphate fractionation. |
| 克隆 | 单克隆 |
| 克隆编号 | H8132 |
| 同种型 | IgG2a |

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab41858于以下的经测试应用

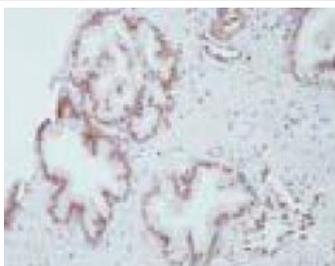
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|----------|------|--|
| Flow Cyt | | Use 1 µg for 10 ⁶ cells. ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody. |
| WB | | Use a concentration of 1 µg/ml. Detects a band of approximately 48 kDa (predicted molecular weight: 46 kDa). |
| ELISA | | Use a concentration of 0.1 µg/ml. |
| IHC-P | | Use at an assay dependent concentration. |

靶标

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| 功能 | 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. |
| 序列相似性 | Belongs to the nuclear hormone receptor family. NR2 subfamily. Contains 1 nuclear receptor DNA-binding domain. |
| 细胞定位 | Nucleus. |

图片



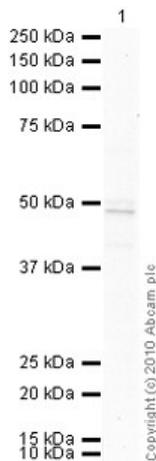
ab41858 staining COUP TF1 in human prostate gland (10-50 ug/mL) by Immunohistochemistry, formalin-fixed paraffin embedded sections.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-COUP TF1 antibody [H8132] (ab41858)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-COUP TF1 antibody [H8132] (ab41858)

ab41858 staining COUP TF1 in rat cerebrum (10-50 ug/mL) by Immunohistochemistry, formalin-fixed paraffin embedded sections.



Western blot - Anti-COUP TF1 antibody [H8132] (ab41858)

Anti-COUP TF1 antibody [H8132] (ab41858) at 1 µg/ml + Human brain tissue lysate - total protein ([ab29466](#)) at 10 µg

Secondary

Goat Anti-Mouse IgG H&L (HRP) preadsorbed ([ab97040](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 46 kDa

Observed band size: 48 kDa

Flow Cytometry - Anti-COUP TF1 antibody [H8132] (ab41858)

Exposure time: 150 seconds

Overlay histogram showing SH-SY5Y cells stained with ab41858 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab41858, 1µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) ([ab96879](#)) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG2a [ICIGG2A] ([ab91361](#), 1µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed.

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