

Product datasheet

Anti-COUP TF1 antibody [H8132] ab41858

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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

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

Our [Abpromise guarantee](#) covers the use of **ab41858** in the following tested applications.

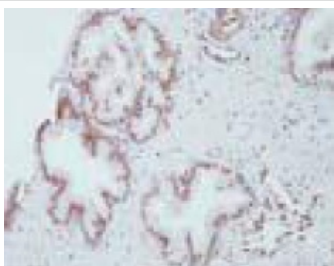
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
Flow Cyt		Use 1µg 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

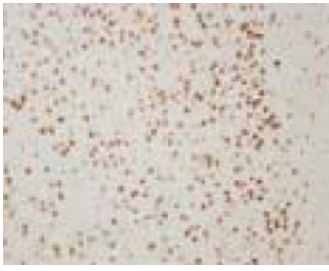
功能	Coup (chicken ovalbumin upstream promoter) transcription factor binds to the ovalbumin promoter and, in conjunction with another protein (S300-II) stimulates initiation of transcription. Binds to both direct repeats and palindromes of the 5'-AGGTCA-3' motif. Represses transcriptional activity of LHCG.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



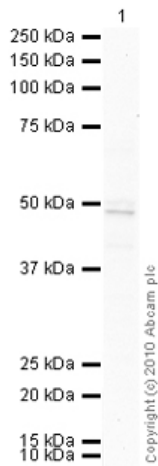
ab41858 staining COUP TF1 in human prostate gland (10-50 ug/mL) by Immunohistochemistry, formalin-fixed paraffin embedded sections.

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



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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - 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.

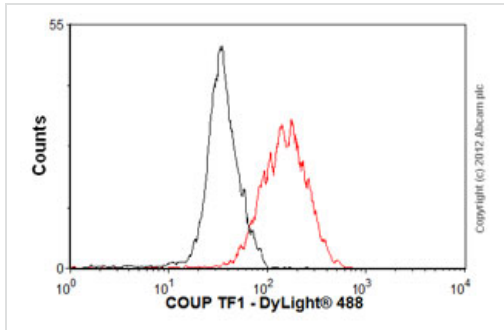
Performed under reducing conditions.

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

Predicted band size: 46 kDa

Observed band size: 48 kDa

Exposure time: 150 seconds



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

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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