

COUP-TF1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP57796

Product Information

Application IHC-P, IHC-F, IF, ICC

Primary Accession P10589

Reactivity Rat, Pig, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 46156
Physical State Liquid

Immunogen KLH conjugated synthetic peptide derived from human COUP-TF1

Epitope Specificity 21-120/423

Isotype IgG

Purity affinity purified by Protein A

Buffer Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.

SUBCELLULAR LOCATION Nucleus

SIMILARITY Belongs to the nuclear hormone receptor family. NR2 subfamily. Contains 1

nuclear receptor DNA-binding domain.

SUBUNIT Binds DNA as dimer; homodimer and probable heterodimer with NR2F6.

Interacts with COPS2.

Important Note This product as supplied is intended for research use only, not for use in

human, therapeutic or diagnostic applications.

Background Descriptions COUP transcription factors have been cloned in several species and identified

as orphan members of the steroid/thyroid hormone receptor superfamily. COUP-TFI (also designated COUP or EAR-3) and ARP-1 (also designated COUP-TFII) exhibit highly regulated and overlapping expression in most tissues. COUP-TFs are highly expressed in the developing and central nervous

system, suggesting that these factors may be important in neural development and differentiation. COUP-TFs can compete for binding to

response elements which are common to other members of this family, including RAR, RXR, PPAR, HNF-4, VDR and TR. They have been shown to act as

negative regulators as well as initiators of transcription.

Additional Information

Gene ID 7025

Other Names COUP transcription factor 1, COUP-TF1, COUP transcription factor I, COUP-TF

I, Nuclear receptor subfamily 2 group F member 1, V-erbA-related protein 3,

EAR-3, NR2F1, EAR3, ERBAL3, TFCOUP1

Dilution IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500

Storage Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name NR2F1

Synonyms EAR3, ERBAL3, TFCOUP1

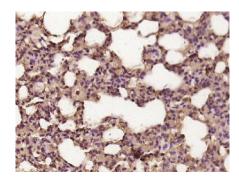
Function Coup (chicken ovalbumin upstream promoter) transcription factor binds to

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.

Cellular Location Nucleus.

Images



Paraformaldehyde-fixed, paraffin embedded (rat lung tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (COUP-TF1) Polyclonal Antibody, Unconjugated (AP57796) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.