

## COUP-TF II polyclonal antibody

Catalog: GCP118

Host: Rabbit

Reactivity: Human

### BackGround:

Chicken ovalbumin upstream promoter transcription factor (COUP-TF) belongs to the NR2 subfamily of the nuclear hormone receptor family. COUP-TFI and COUP-TFII are two of the well-characterized members in the NR2 subfamily. These two members are highly conserved in their two zinc-finger DNA binding domains (DBD) and the ligand binding domain (LBD), and function as repressors or activators of downstream target genes to regulate different biological processes. COUP-TFI and II bind to 5'-AGGTCA-3' motif palindromes, either directly or indirectly, through heterodimer formation with other proteins (e.g. RXRs) to regulate downstream target gene expression. COUP-TFI is involved in neuronal development, tissue patterning, and differentiation. COUP-TFII has been shown to be involved in angiogenesis, glucose homeostasis, and mesenchymal cell commitment.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.4.

### Molecular Weight:

~ 47 kDa

### Swiss-Prot:

P24468

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:1000~1:2000

IHC: 1:50~1:200

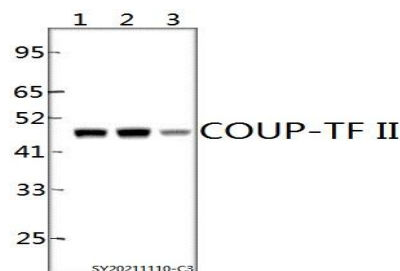
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

COUP-TF II polyclonal antibody detects endogenous levels of COUP-TF II protein.

### DATA:

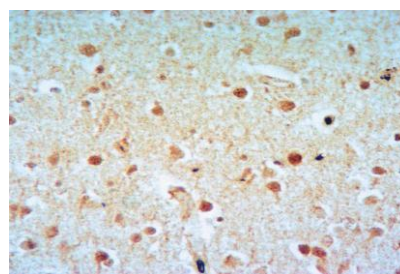


Western blot (WB) analysis of COUP-TF II polyclonal antibody at 1:1000 dilution

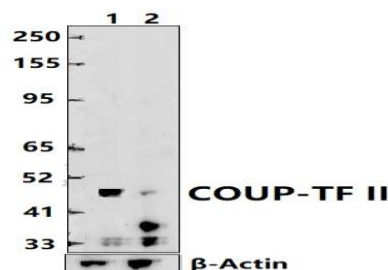
Lane1:HEK293T whole cell lysate(40ug)

Lane2:A549 whole cell lysate(40ug)

Lane3:HepG2 whole cell lysate(40ug)



Immunohistochemistry of paraffin-embedded Rat Brain using COUP-TF II antibody at dilution of 1:50.



Western blot (WB) analysis of COUP-TF II polyclonal antibody at 1:1000 dilution

Lane1:A549 whole cell lysate(40ug)

Lane2:COUP-TF II knockdown A549 whole cell lysate(40ug)

### Note:

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## PRODUCT DATA SHEET

Bioworld Technology, Inc.

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For research use only, not for use in diagnostic procedure.

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