

Recombinant COUP-TFII Monoclonal Antibody

catalog number: AN301980L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human;Rat;Mouse

Immunogen Peptide. This information is proprietary to PTMab.

Host Rabbit Isotype lgG, κ Clone A696

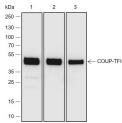
Purification Protein Apurified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

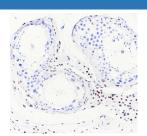
Applications Recommended Dilution

1:500-1:1000 WB 1:50-1:100 **IHC** ChIP 6µg/2×106 cells

Data

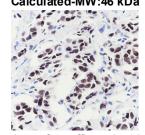


Western Blot with COUP-TFII Monoclonal Antibody at dilution of 1:1000. Lane 1: MCF-7, Lane 2: K562, Lane 3: PC-12

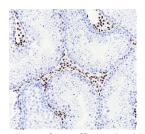


Immunohistochemistry of paraffin-embedded Human testis using COUP-TFII Monoclonal Antibody at dilution of 1:100.

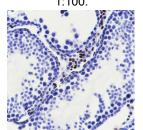
Observed-MW:46 kDa Calculated-MW:46 kDa

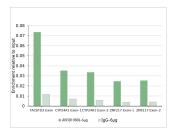


cancer using COUP-TFII Monoclonal Antibody at dilution of using COUP-TFII Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Human breast Immunohistochemistry of paraffin-embedded Mouse testis





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Toll-free: 1-888-852-8623 Fax: 1-832-243-6017 Tel: 1-832-243-6086 Web: www.elabscience.com Email: techsupport@elabscience.com



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Immunohistochemistry of paraffin-embedded Rat testis using COUP-TFII Monoclonal Antibody at dilution of 1:100.

Chromatin immunoprecipitation analysis of MCF-7 immunoprecipitated DNA by real-time PCR using primers specific for the human TACSTD2-E, CYP24A1-E1, CYP24A1-E2, ZNF217-E1 and ZNF217-E2. The data are presented as enrichment of each sample relative to the total amount of input chromatin at each amplicon.

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

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.

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