

Anti human COUP-TF I mouse monoclonal antibody

COUP-TF I: Chicken ovalbumin upstream promoter-transcription factor I

Code No PP-H8124-00

Clone No. H8124

Lot. A-1

Concentration 1 mg/mL

Volume 100 uL

Ig Class G2a

Description Chicken ovalbumin upstream promoter transcription factor I (COUP-TFI, EAR3, COUP-TFA; NR2F1) is a member of orphan nuclear receptor. COUP-TF I is expressed in specific regions of the rostral brain, in stripes in the presumptive hindbrain. COUP-TFI has varied roles in the development of the peripheral nervous system, such as early regionalization of the neocortex, differentiation of subplate neurons and guidance of thalamocortical axons. COUP-TFs were shown to interact with a number of other nuclear receptors.

Nomenclature NR2F1

Genbank X12795

Origin Produced in BALB/c mouse ascites after inoculation with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with Baculovirus-expressed recombinant human COUP-TF I (6-81 aa).

Specificity This antibody specifically recognizes human COUP-TF I and cross reacts with mouse and rat COUP-TF I. This antibody does not recognize human COUP-TF II and EAR2.

Purification Ammonium sulfate fractionation.

Formulation Physiological saline with 0.1% Na₃N as a preservative.

Application / Recommended Concentration

In order to obtain the best results, optimal working dilutions should be determined by each individual user.

Western Blot Decide by use

Non reducing Western Blot Decide by use

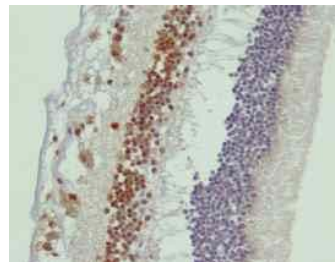
ELISA Decide by use

Immunoprecipitation Not yet tested

Supershift Assay Not yet tested

Chromatin immunoprecipitation Not yet tested

Immunohistochemistry 10 ug/mL



Human
Retina/ Inner nuclear layer,
Ganglionic layer

Storage Store at 2 - 8 °C up to one month. For long-term storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in a frost-free freezer is not recommended.

Reference

Notes Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.

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