

Anti human COUP-TF I mouse monoclonal antibody

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

Code No	PP-H8132-00
Clone No.	H8132
Lot.	***
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.

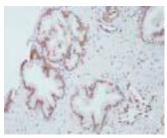
Nomenclature	NR2F1	
Genbank	X12795	
Origin	Produced in BALB/c mouse ascites after inoculation with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with Baculovirus-expressed recombinant human COUP-TF I (6-81 aa).	
Specificity	This antibody specifically recognizes 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% NaN3 as a preservative.	

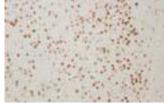
Application / Recommended Concentration

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

Western Blot	1 ug/mL
Non reducing Western Blot	Not yet tested
ELISA	0.1 ug/mL
Immunoprecipitation	Decide by use
Supershift Assay	Not yet tested
Chromatin immunoprecipitation	Not yet tested

Immunohistochemistry 10-50 ug/mL





Human Prostate gland paraffin section

Rat Cerebrum paraffin section

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 Jae Mi Suh, et al. Mol Endocrinol, Dec. 2006, 20(12): 3412

Jun Qin, et al. Developmental Dynamics, 2007, 236: 810-820

Notes

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

FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.

Not for Diagnostic or Therapeutic use. Purchase of this product does not include or carry any right to resell or transfer this product either as a stand-alone product or as a component of another product. Any use of this product other than the permitted use without the express written consent of Perseus Proteomics Inc. is prohibited. MADE IN JAPAN

Apr 23, 2008



Distributor:

2-20, Toyo, 2Chome, Tokyo 135-0016, Japan TEL: +81-3-5632-9617 FAX: +81-3-5632-9618 http://www.cosmobio.co.jp



Manufactured by Perseus Proteomics Inc. 4-7-6, Komaba, Meguro-ku, Tokyo 153-0041, Japan http://www.ppmx.com