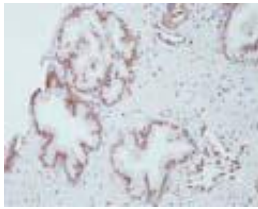
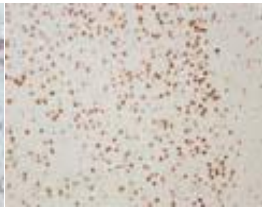


Anti human COUP-TF I mouse monoclonal antibody

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

<p>Code No PP-H8132-10</p> <hr/> <p>Clone No. H8132</p> <hr/> <p>Batch A1F1</p> <hr/> <p>Size 100ug lyophilized antibody</p> <hr/> <p>Formulation Lyophilized from phosphate-buffered saline (PBS) containing 5% Trehalose as a stabilizer.</p> <hr/> <p>Ig Class G2a</p> <hr/> <p>Nomenclature NR2F1</p> <hr/> <p>Genbank X12795</p> <hr/> <p>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.</p> <hr/> <p>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).</p> <hr/> <p>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.</p> <hr/> <p>Purification Ammonium sulfate fractionation.</p>	<p>Application / Recommended Concentration</p> <p>In order to obtain the best results, optimal working dilutions should be determined by each individual user.</p> <hr/> <table> <tr> <td>Western Blot</td> <td>1 ug/mL</td> </tr> <tr> <td>Non-reducing Western Blot</td> <td>Not yet tested</td> </tr> <tr> <td>ELISA</td> <td>0.1 ug/mL</td> </tr> <tr> <td>Immunoprecipitation</td> <td>Decide by use</td> </tr> <tr> <td>Supershift Assay</td> <td>Not yet tested</td> </tr> <tr> <td>Chromatin immunoprecipitation</td> <td>Not yet tested</td> </tr> <tr> <td>Immunohistochemistry</td> <td>10-50 ug/mL</td> </tr> </table> <hr/> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Human Prostate gland paraffin section</p> </div> <div style="text-align: center;">  <p>Rat Cerebrum paraffin section</p> </div> </div> <hr/> <p>Reconstitution Reconstitute with desired volume of distilled water. Reconstitution in 0.1 ml of distilled water yields an antibody concentration of 1mg/ml. Please note reconstituted solution will contain original PBS and 5% Treharose (see Formulation).</p> <hr/> <p>Storage Lyophilized samples are stable for twelve months when held at 2 - 8 C. Upon reconstitution, the antibody can be stored 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.</p> <hr/> <p>Reference Suh JM, <i>et al.</i> Mol Endocrinol, 2006, 20(12): 3412-20 Qin J, <i>et al.</i> Dev Dyn., 2007, 236(3): 810-20 Perilhou A, <i>et al.</i> Mol Cell Biol., 2008, 28(14): 4588-97</p> <hr/> <p>Notes</p>	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
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