

**产品名称: Oct-1 Rabbit Polyclonal Antibody**  
**产品货号: AP Rab15098**



## 产品概述 (Summary)

|                        |                                  |
|------------------------|----------------------------------|
| 产品名称 (Production Name) | Oct-1 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody       |
| 宿主 (Host)              | Rabbit                           |
| 应用 (Application)       | WB,IHC,ICC/IF,ELISA              |
| 种属反应性 (Reactivity)     | Human,Mouse,Rat                  |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Unmodified                                                                                        |
| 同种型 (Isotype)       | IgG                                                                                               |
| 克隆 (Clonality)      | Polyclonal                                                                                        |
| 形式 (Form)           | Liquid                                                                                            |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| 纯化方式 (Purification) | Affinity purification                                                                             |

## 免疫原信息 (Immunogen)

|                        |                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | POU2F1<br>POU2F1; OCT1; OTF1; POU domain; class 2, transcription factor 1; NF-A1;                     |
| 别名 (Alternative Names) | Octamer-binding protein 1; Oct-1; Octamer-binding transcription factor 1; OTF-1                       |
| 基因 ID (Gene ID)        | 5451.0                                                                                                |
| 蛋白 ID (SwissProt ID)   | P14859.The antiserum was produced against synthesized peptide derived from human OCT1. AA range:41-90 |

## 产品应用 (Application)

|                          |                                                                        |
|--------------------------|------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000 |
| 蛋白分子量 (Molecular Weight) | 76kDa                                                                  |

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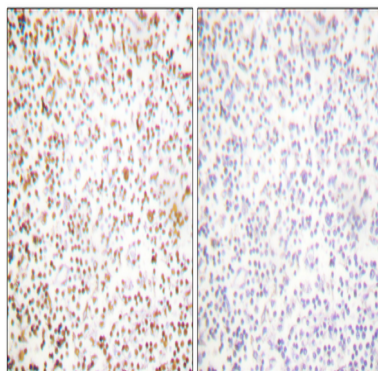
## 研究背景 (Background)

The OCT1 transcription factor was among the first identified members of the POU transcription factor family (summarized by Sturm et al., 1993 [PubMed 8314572]). Members of this family contain the POU domain, a 160-amino acid region necessary for DNA binding to the octameric sequence ATGCAAAT.[supplied by OMIM, Jul 2010],function:Transcription factor that binds to the octamer motif (5'-ATTGTCAT-3') and activates the promoters of the genes for some small nuclear RNAs (snRNA) and of genes such as those for histone H2B and immunoglobulins. Modulates transcription transactivation by NR3C1, AR and PGR.,PTM:Phosphorylated by PRKDC.,similarity:Belongs to the POU transcription factor family. Class-2 subfamily.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 POU-specific domain.,subunit:Interacts with NR3C1, AR, PGR and HCFC1.,tissue specificity:Ubiquitous. Isoform 2 is lymphocyte-specific.,

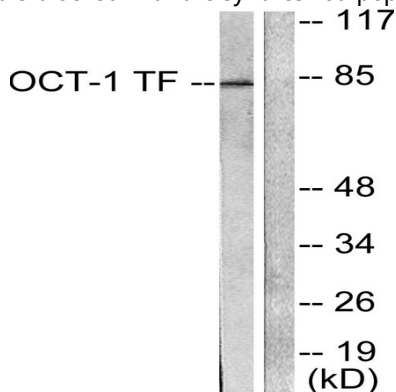
## 研究领域 (Research Area)

Epigenetics and Nuclear Signaling

## 图片 (Image Data)

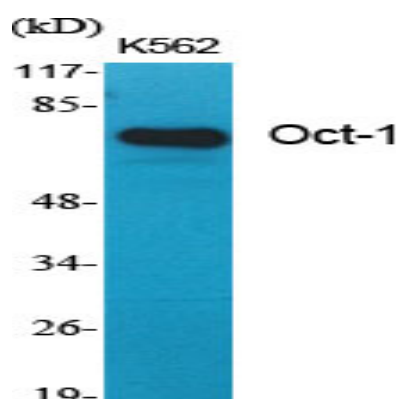


Immunohistochemistry analysis of paraffin-embedded human lymph node tissue, using OCT1 Antibody. The picture on the right is blocked with the synthesized peptide.

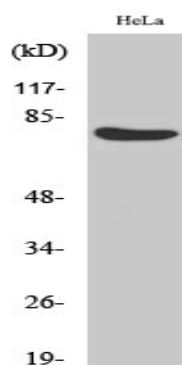


Western blot analysis of lysates from HeLa cells, using OCT1 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using Oct-1 Polyclonal Antibody diluted at 1: 1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .



Western Blot analysis of HeLa cells using Oct-1 Polyclonal Antibody diluted at 1: 1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .

### 注意事项 (Note)

For research use only .