

**产品名称: Pax-1 Rabbit Polyclonal Antibody**  
**产品货号: AP Rab15783**



## 产品概述 (Summary)

|                        |                                  |
|------------------------|----------------------------------|
| 产品名称 (Production Name) | Pax-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,Rat,Mouse                  |

## 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)        | PAX1                                                                                                     |
| 别名 (Alternative Names) | PAX1; HUP48; Paired box protein Pax-1; HuP48                                                             |
| 基因 ID (Gene ID)        | 5075.0                                                                                                   |
| 蛋白 ID (SwissProt ID)   | P15863.The antiserum was produced against synthesized peptide derived from human Pax-1. AA range:318-367 |

## 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) | 36kDa                                                                  |

## 研究背景 (Background)

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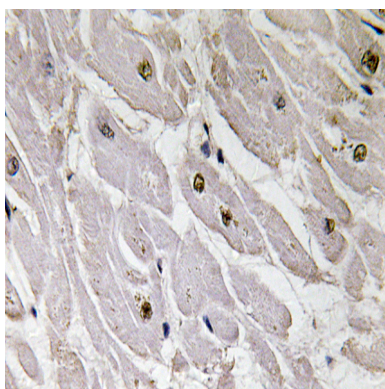


This gene is a member of the paired box (PAX) family of transcription factors. Members of the PAX family typically contain a paired box domain and a paired-type homeodomain. These genes play critical roles during fetal development. This gene plays a role in pattern formation during embryogenesis and may be essential for development of the vertebral column. This gene is silenced by methylation in ovarian and cervical cancers and may be a tumor suppressor gene. Mutations in this gene are also associated with vertebral malformations. [provided by RefSeq, Mar 2012],function:This protein is a transcriptional activator. It may play a role in the formation of segmented structures of the embryo. May play an important role in the normal development of the vertebral column.,similarity:Contains 1 paired domain.,

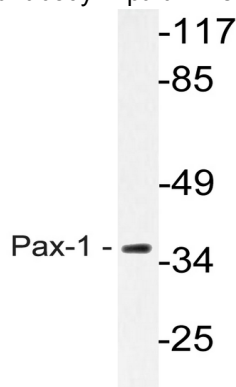
### 研究领域 (Research Area)

Domain Families; Developmental Families; PAX; Epigenetics and Nuclear Signaling; Transcription; Transcription Factors

### 图片 (Image Data)

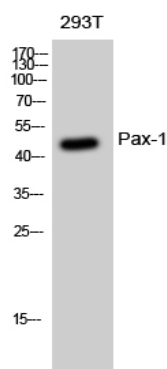


Immunohistochemistry analysis of Pax-1 antibody in paraffin-embedded human heart tissue.



Western blot analysis of lysate from HeLa cells, using Pax-1 antibody.

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Western Blot analysis of 293T cells using Pax-1 Polyclonal Antibody diluted at 1: 500 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

#### 注意事项 (Note)

For research use only .