

**产品名称: Pitx1 Rabbit Polyclonal Antibody**  
**产品货号: AP Rab16167**



## 产品概述 (Summary)

|                        |                                  |
|------------------------|----------------------------------|
| 产品名称 (Production Name) | Pitx1 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)        | PITX1<br>PITX1; BFT; PTX1; Pituitary homeobox 1; Hindlimb-expressed homeobox protein backfoot; Homeobox protein PITX1; Paired-like homeodomain transcription factor 1 |
| 别名 (Alternative Names) |                                                                                                                                                                       |
| 基因 ID (Gene ID)        | 5307.0                                                                                                                                                                |
| 蛋白 ID (SwissProt ID)   | P78337.The antiserum was produced against synthesized peptide derived from human PITX1. AA range:121-170                                                              |

## 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 1:10000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 34kDa                                                                   |

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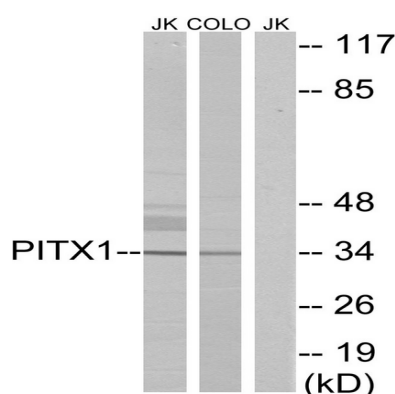
## 研究背景 (Background)

This gene encodes a member of the RIEG/PITX homeobox family, which is in the bicoid class of homeodomain proteins. Members of this family are involved in organ development and left-right asymmetry. This protein acts as a transcriptional regulator involved in basal and hormone-regulated activity of prolactin. [provided by RefSeq, Jul 2008],function:May play a role in the development of anterior structures, and in particular, the brain and facies and in specifying the identity or structure of hindlimb.,similarity:Belongs to the paired homeobox family. Bicoid subfamily.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 OAR domain.,

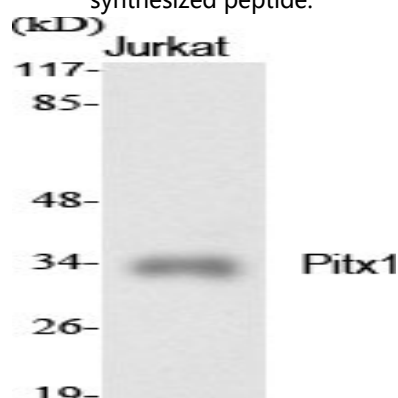
## 研究领域 (Research Area)

Signal Transduction; Signaling Pathway; G Protein Signaling; Small G Proteins; Regulators; Epigenetics and Nuclear Signaling; Transcription; Cancer susceptibility; Tumor Suppressors

## 图片 (Image Data)

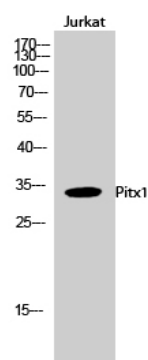


Western blot analysis of lysates from Jurkat and COLO cells, using PITX1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Pitx1 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

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Western Blot analysis of Jurkat cells using Pitx1 Polyclonal Antibody 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 .