

产品名称: PI-9 Rabbit Polyclonal Antibody  
产品货号: APRab16118



## 产品概述 (Summary)

|                        |                                 |
|------------------------|---------------------------------|
| 产品名称 (Production Name) | PI-9 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)        | SERPINB9                                                                                                    |
| 别名 (Alternative Names) | SERPINB9; PI9; Serpin B9; Cytoplasmic antiproteinase 3; CAP-3; CAP3; Peptidase inhibitor 9; PI-9            |
| 基因 ID (Gene ID)        | 5272.0                                                                                                      |
| 蛋白 ID (SwissProt ID)   | P50453.The antiserum was produced against synthesized peptide derived from human SERPINB9. AA range:241-290 |

## 产品应用 (Application)

|                          |                                                                          |
|--------------------------|--------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:100-1:300,ELISA 1:10000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 40kDa                                                                    |

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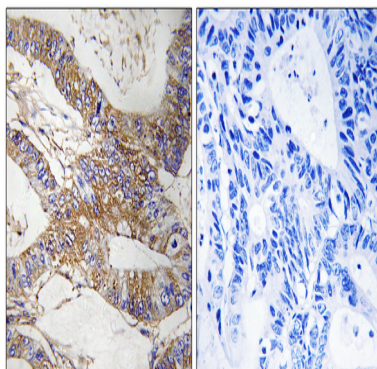
## 研究背景 (Background)

This gene encodes a member of the serine protease inhibitor family which are also known as serpins. The encoded protein belongs to a subfamily of intracellular serpins. This protein inhibits the activity of the effector molecule granzyme B. Overexpression of this protein may prevent cytotoxic T-lymphocytes from eliminating certain tumor cells. A pseudogene of this gene is found on chromosome 6. [provided by RefSeq, Mar 2012],function:Granzyme B inhibitor.,similarity:Belongs to the serpin family.,similarity:Belongs to the serpin family. Ov-serpin subfamily.,

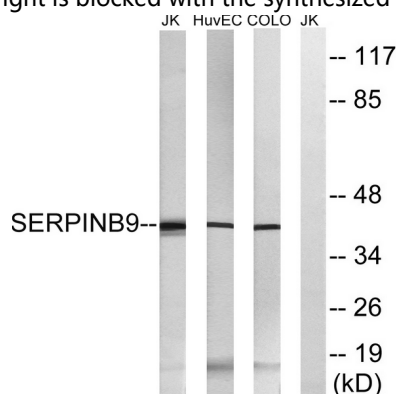
## 研究领域 (Research Area)

Immunology; Immune Interventions; Transplantation; Cell Biology; Proteolysis / Ubiquitin; Protease inhibitors; Serine protease inhibitors; SERPINS

## 图片 (Image Data)

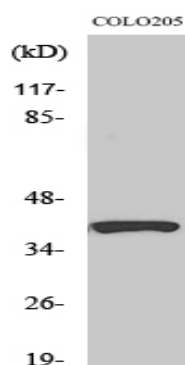


Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using SERPINB9 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COLO, HUVEC, and Jurkat cells, using SERPINB9 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using PI-9 Polyclonal Antibody diluted at 1: 1000

### 注意事项 (Note)

For research use only .