

**产品名称: Reg IV Rabbit Polyclonal Antibody**  
**产品货号: AP Rab16998**



## 产品概述 (Summary)

|                        |                                   |
|------------------------|-----------------------------------|
| 产品名称 (Production Name) | Reg IV Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody        |
| 宿主 (Host)              | Rabbit                            |
| 应用 (Application)       | 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)        | REG4<br>REG4; GISP; RELP; Regenerating islet-derived protein 4; REG-4; Gastrointestinal secretory protein; REG-like protein; Regenerating islet-derived protein IV; Reg IV |
| 别名 (Alternative Names) |                                                                                                                                                                            |
| 基因 ID (Gene ID)        | 83998.0                                                                                                                                                                    |
| 蛋白 ID (SwissProt ID)   | Q9BYZ8.Synthesized peptide derived from the Internal region of human Reg IV.                                                                                               |

## 产品应用 (Application)

|                          |                                                           |
|--------------------------|-----------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:20000-1:40000 |
| 蛋白分子量 (Molecular Weight) |                                                           |

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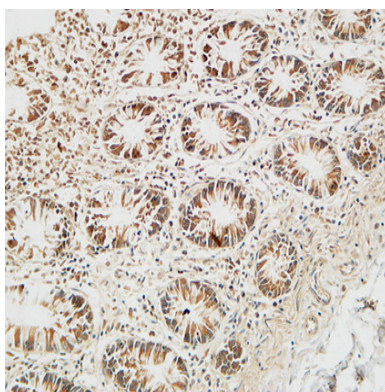
## 研究背景 (Background)

function: May be involved in inflammatory and metaplastic responses of the gastrointestinal epithelium., induction: Up-regulated by mucosal injury from active Crohn's disease or ulcerative colitis. Up-regulated in colorectal tumors. Up-regulated in epithelial cells at regenerating margins of peptic ulcers in the stomach and duodenum., online information: Regenerating protein IV, similarity: Contains 1 C-type lectin domain., tissue specificity: Highly expressed in the gastrointestinal tract including the duodenum, jejunum, ileum, ileocecum, appendix, descending colon, pancreas and small intestine. Weakly expressed in normal colon and stomach. Strongly expressed in most colorectal tumors than in normal colon. Preferentially expressed in mucinous tumors and in some cases neuro-endocrine tumors. Expressed in mucus-secreting cells and enterocyte-like cells. In small intestine expressed at the basal perinuclear zone of goblet cells., function: May be involved in inflammatory and metaplastic responses of the gastrointestinal epithelium., induction: Up-regulated by mucosal injury from active Crohn's disease or ulcerative colitis. Up-regulated in colorectal tumors. Up-regulated in epithelial cells at regenerating margins of peptic ulcers in the stomach and duodenum., online information: Regenerating protein IV, similarity: Contains 1 C-type lectin domain., tissue specificity: Highly expressed in the gastrointestinal tract including the duodenum, jejunum, ileum, ileocecum, appendix, descending colon, pancreas and small intestine. Weakly expressed in normal colon and stomach. Strongly expressed in most colorectal tumors than in normal colon. Preferentially expressed in mucinous tumors and in some cases neuro-endocrine tumors. Expressed in mucus-secreting cells and enterocyte-like cells. In small intestine expressed at the basal perinuclear zone of goblet cells.,

## 研究领域 (Research Area)

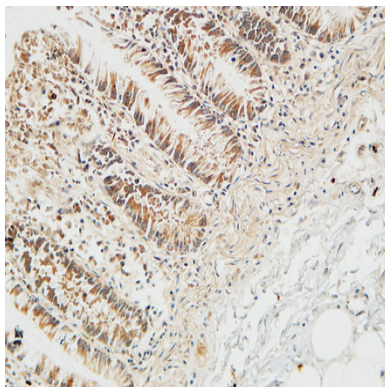
Immunology; Secreted Molecules; Other secreted molecules; Cancer; Tumor biomarkers

## 图片 (Image Data)

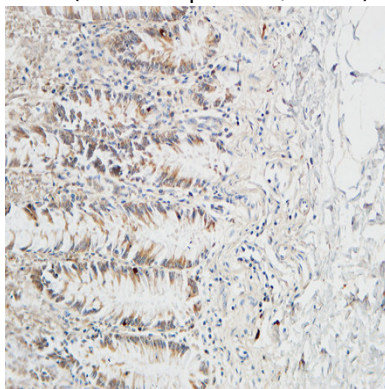


Immunohistochemical analysis of paraffin-embedded Human colon. 1, Antibody was diluted at 1:100 (4°, overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 30min) .

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### 注意事项 (Note)

For research use only .