

**产品名称: SCG10 (phospho Ser73) Rabbit Polyclonal Antibody**  
**产品货号: APRab05402**



## 产品概述 (Summary)

|                        |                                                  |
|------------------------|--------------------------------------------------|
| 产品名称 (Production Name) | SCG10 (phospho Ser73) 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, Mouse, Rat                                |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Phosphorylated                                                                                    |
| 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)        | STMN2                                                                                              |
| 别名 (Alternative Names) | STMN2; SCG10; SCGN10; Stathmin-2; Superior cervical ganglion-10 protein; Protein SCG10             |
| 基因 ID (Gene ID)        | 11075.0                                                                                            |
| 蛋白 ID (SwissProt ID)   | Q93045. Synthesized phospho-peptide around the phosphorylation site of human SCG10 (phospho Ser73) |

## 产品应用 (Application)

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

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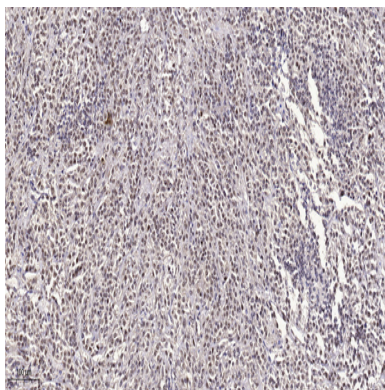
## 研究背景 (Background)

This gene encodes a member of the stathmin family of phosphoproteins. Stathmin proteins function in microtubule dynamics and signal transduction. The encoded protein plays a regulatory role in neuronal growth and is also thought to be involved in osteogenesis. Reductions in the expression of this gene have been associated with Down's syndrome and Alzheimer's disease. Alternatively spliced transcript variants have been observed for this gene. A pseudogene of this gene is located on the long arm of chromosome 6. [provided by RefSeq, Nov 2010],function:May play a role in neuronal differentiation, and in modulating membrane interaction with the cytoskeleton during neurite outgrowth.,PTM:Sumoylated.,similarity:Belongs to the stathmin family.,subcellular location:Associated with punctate structures in the perinuclear cytoplasm, axons, and growth cones of developing neurons. SCG10 exists in both soluble and membrane-bound forms.,tissue specificity:Neuron specific.,

## 研究领域 (Research Area)

Regulation of Microtubule Dynamics

## 图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human small intestinal carcinoma tissue. 1,primary Antibody was diluted at 1:200 (4° overnight) . 2, Sodium citrate pH 6.0 was used for antigen retrieval (>98°C,20min) . 3,Secondary antibody was diluted at 1:200

## 注意事项 (Note)

For research use only .