

**产品名称: CD56 Rabbit Polyclonal Antibody**  
**产品货号: APRab08419**



## 产品概述 (Summary)

|                        |                                 |
|------------------------|---------------------------------|
| 产品名称 (Production Name) | CD56 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody      |
| 宿主 (Host)              | Rabbit                          |
| 应用 (Application)       | WB, ICC/IF, ELISA               |
| 种属反应性 (Reactivity)     | Human                           |

## 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)        | NCAM1                                                                                                                             |
| 别名 (Alternative Names) | NCAM1; NCAM; Neural cell adhesion molecule 1; N-CAM-1; NCAM-1; CD56                                                               |
| 基因 ID (Gene ID)        | 4684.0                                                                                                                            |
| 蛋白 ID (SwissProt ID)   | P13591. The antiserum was produced against synthesized peptide derived from the Internal region of human NCAM1. AA range: 250-300 |

## 产品应用 (Application)

|                          |                                                          |
|--------------------------|----------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000, ICC/IF 1:50-1:200, ELISA 1:5000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 94kDa                                                    |

## 研究背景 (Background)

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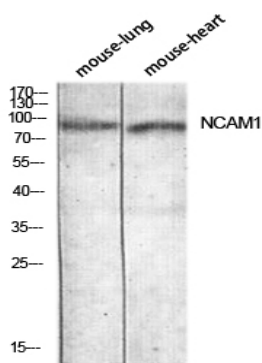


This gene encodes a cell adhesion protein which is a member of the immunoglobulin superfamily. The encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. The encoded protein has been shown to be involved in development of the nervous system, and for cells involved in the expansion of T cells and dendritic cells which play an important role in immune surveillance. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2011],function:This protein is a cell adhesion molecule involved in neuron-neuron adhesion, neurite fasciculation, outgrowth of neurites, etc.,online information:N-CAM 140,online information:NCAM entry,similarity:Contains 2 fibronectin type-III domains.,similarity:Contains 5 Ig-like C2-type (immunoglobulin-like) domains.,

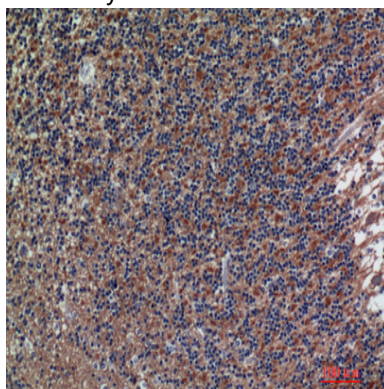
### 研究领域 (Research Area)

Cell adhesion molecules (CAMs);Prion diseases;

### 图片 (Image Data)

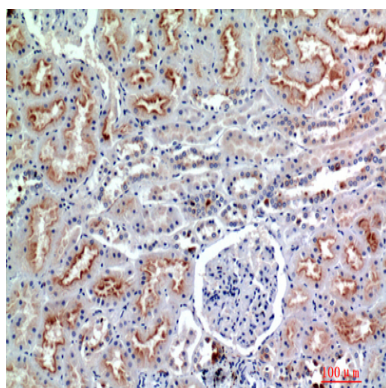


Western blot analysis of mouse-lung mouse-heart lysis using NCAM1 antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000

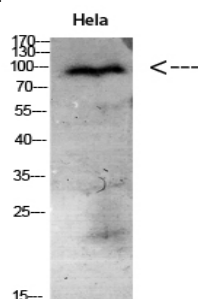


Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200

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Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200



Western Blot analysis of HeLa cells using Antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000

### 注意事项 (Note)

For research use only .