

## Summary

|                        |                                 |
|------------------------|---------------------------------|
| <b>Production Name</b> | CD56 Rabbit Polyclonal Antibody |
| <b>Description</b>     | Rabbit Polyclonal Antibody      |
| <b>Host</b>            | Rabbit                          |
| <b>Application</b>     | WB,IF-P,IF-F,ICC/IF,ELISA       |
| <b>Reactivity</b>      | Human                           |

## Performance

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                      |
| <b>Modification</b> | Unmodified                                                                                        |
| <b>Isotype</b>      | IgG                                                                                               |
| <b>Clonality</b>    | Polyclonal                                                                                        |
| <b>Form</b>         | Liquid                                                                                            |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| <b>Buffer</b>       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| <b>Purification</b> | Affinity purification                                                                             |

## Immunogen

|                          |                                                                                                                                 |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | NCAM1                                                                                                                           |
| <b>Alternative Names</b> | NCAM1; NCAM; Neural cell adhesion molecule 1; N-CAM-1; NCAM-1; CD56                                                             |
| <b>Gene ID</b>           | 4684.0                                                                                                                          |
| <b>SwissProt ID</b>      | P13591.The antiserum was produced against synthesized peptide derived from the Internal region of human NCAM1. AA range:250-300 |

## Application

|                         |                                                           |
|-------------------------|-----------------------------------------------------------|
| <b>Dilution Ratio</b>   | WB 1:500-1:2000, ELISA 1:10000, IF-P/IF-F/ICC/IF 1:50-200 |
| <b>Molecular Weight</b> | 94kDa                                                     |

**Product Name: CD56 Rabbit Polyclonal Antibody**  
**Catalog #: APRab08419**



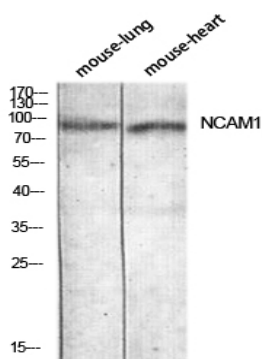
## Background

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.,

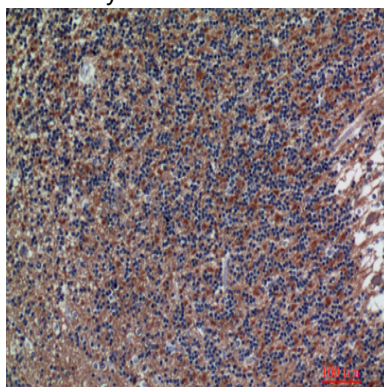
## Research Area

Cell adhesion molecules (CAMs);Prion diseases;

## Image Data

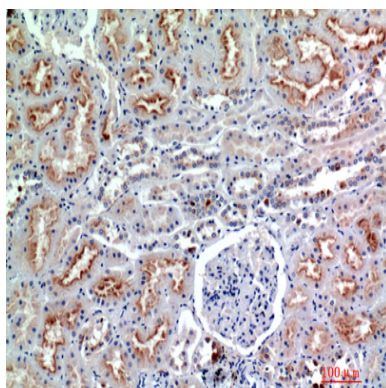


Western blot analysis of mouse-lung mouse-heart lysis using NCAM1 antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000

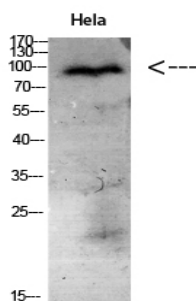


Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200

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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

## **Note**

For research use only.