

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



## Summary

<b>Production Name</b>	CD56 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,
<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% BSA 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. IHC 1:100-200. ELISA: 1:10000.
<b>Molecular Weight</b>	94kD

## Background

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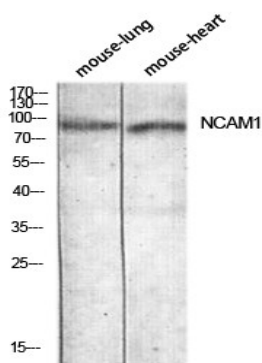


This gene encodes a cell adhesion protein which is a member of the immunoglobulin superfamily. The encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. The encoded protein has been shown to be involved in development of the 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.,

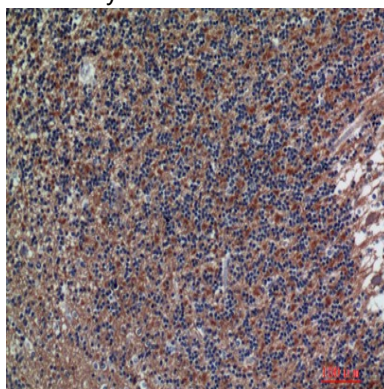
## Research Area

Cell adhesion molecules (CAMs);Prion diseases;

## Image Data

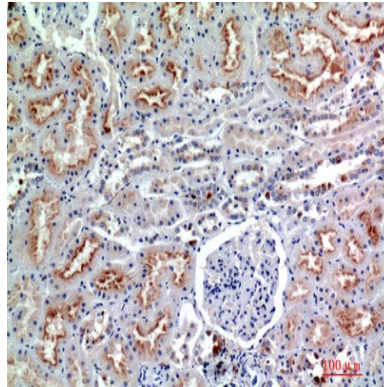


Western blot analysis of mouse-lung mouse-heart lysis using NCAM1 antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000

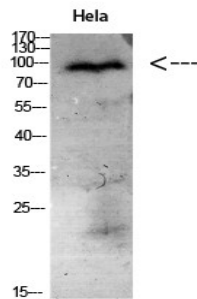


Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200

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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.