NCAM1 / CD56 Rabbit Polyclonal Antibody

CAB7913



Product Information	Protein Background
Size:	This gene encodes a cell adhesion protein which is a member of the immunoglobulir
20uL, 50uL, 100uL, 200uL	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
Observed MW:	be involved in development of the nervous system, and for cells involved in the expansion of cells and dendritic cells which play an important role in immune surveillance. Alternative
160kDa	splicing results in multiple transcript variants.
Calculated MW:	Immunogen information
40kDa/73kDa/80kDa/83kDa/ 93kDa/94kDa	Gene ID: 4684
Applications:	
WB IHC IF IP	Uniprot P13591
Reactivity:	
Human, Mouse, Rat	Synonyms: CD56; MSK39; NCAM; NCAM1; NCAM1 /CD56

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC

1:100 - 1:200 IF 1:50 -1:200 IP 1:50 - 1:200

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 759-858 of human NCAM1 / CD56 (NP_851996.2).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

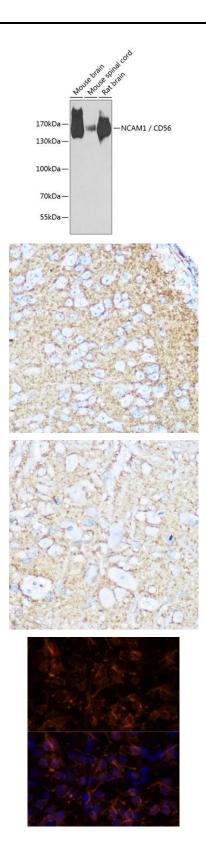
Isotype:

Source:

Rabbit

lgG

Purification: Affinity purification



Western blot analysis of extracts of various cell lines, using NCAM1 / CD56 antibody (CAB7913) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.

Immunohistochemistry of paraffin-embedded mouse brain using NCAM1 / CD56 Rabbit pAb (CAB7913) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded rat brain using NCAM1 / CD56 Rabbit pAb (CAB7913) at dilution of 1:100 (40x lens).

Immunofluorescence analysis of C6 cells using NCAM1 / CD56 antibody (CAB7913) at dilution of 1:100. Blue: DAPI for nuclear staining.