

NCAM1/CD56 Antibody

CAB7913

Description

This NCAM1/CD56 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB7913
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	CD56, NCAM, MSK39, NCAM1 / CD56
Clone:	-
Applications:	WB IHC-P IF/ICC ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	4684
Uniprot:	AB_2770528
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	120-220kDa/
Calculated MW:	95kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: SH-SY5Y, Mouse brain, Rat brain, Mouse brain, Rat brain, SH-SY5Y

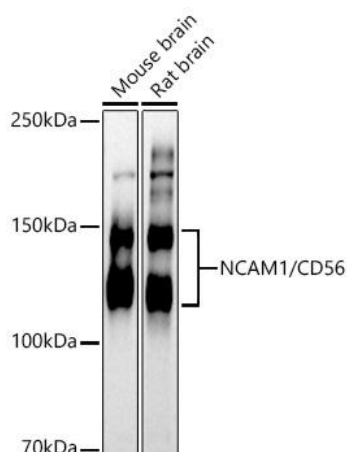
Recommended Dilutions:

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

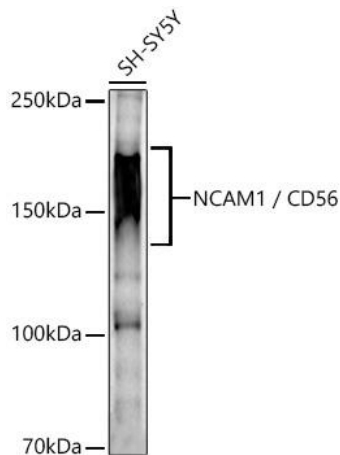
Protein Quantification (Optional):

To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

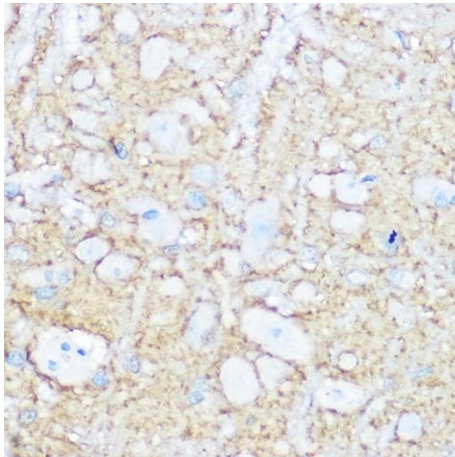
Validation Data



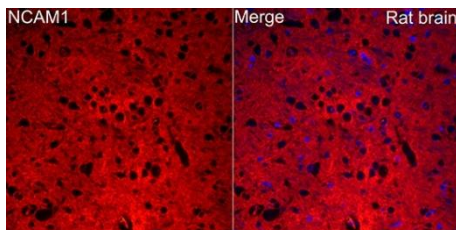
Western blot analysis of various lysates using NCAM1 / Rabbit pAb (CAB7913) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates / proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



Western blot analysis of lysates from SH-SY5Y cells using NCAM1 / Rabbit pAb (CAB7913) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using NCAM1 / Rabbit pAb (CAB7913) at a dilution of 1:100 (40x lens). Microwave antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.



Immunofluorescence analysis of rat brain cells using NCAM1 / Rabbit pAb (CAB7913) at dilution of 1:20 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.