

Product Datasheet

NCAM-1/CD56 Antibody - BSA Free NBP2-38452

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-38452

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-38452



NBP2-38452

NCAM-1/CD56 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

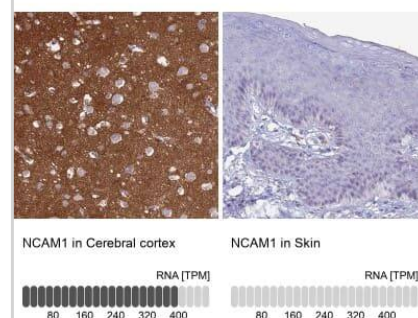
Description	Novus Biologicals Rabbit NCAM-1/CD56 Antibody - BSA Free (NBP2-38452) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-NCAM-1/CD56 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4684
Gene Symbol	NCAM1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: DSEDFGNYNCTAVNRIGQESLEFILVQADTPSSPSIDQVEPYSSSTAQVQFDEP EATGGVPILKYKAEWRAVGEEVWHSKWYDAK

Product Application Details

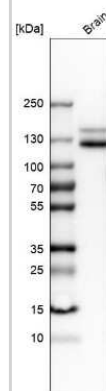
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

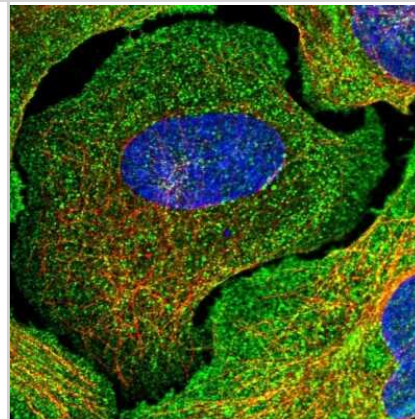
Immunohistochemistry-Paraffin: NCAM-1/CD56 Antibody [NBP2-38452] - Staining in human cerebral cortex and skin tissues.. Corresponding NCAM1 RNA-seq data are presented for the same tissues.



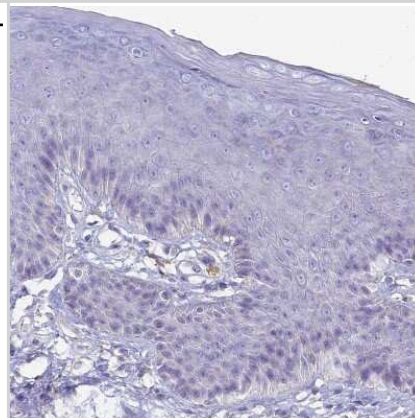
Western Blot: NCAM-1/CD56 Antibody [NBP2-38452] - Analysis in human brain tissue.



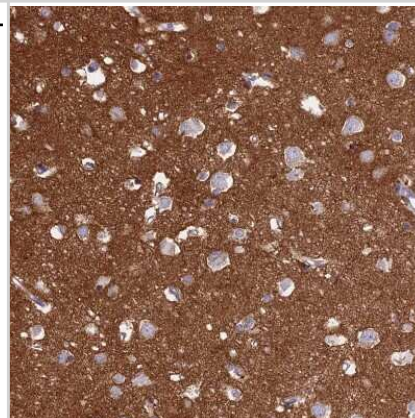
Immunocytochemistry/Immunofluorescence: NCAM-1/CD56 Antibody [NBP2-38452] - Staining of human cell line U-2 OS shows localization to plasma membrane & cytosol. Antibody staining is shown in green.



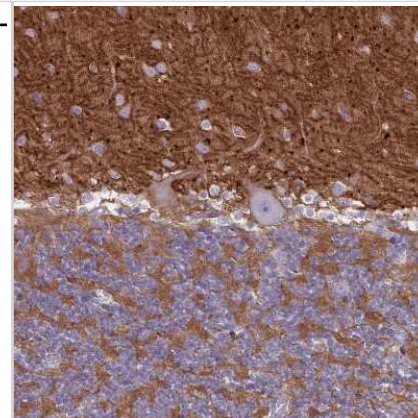
Immunohistochemistry-Paraffin: NCAM-1/CD56 Antibody [NBP2-38452] - Staining of human skin shows no positivity in keratinocytes.



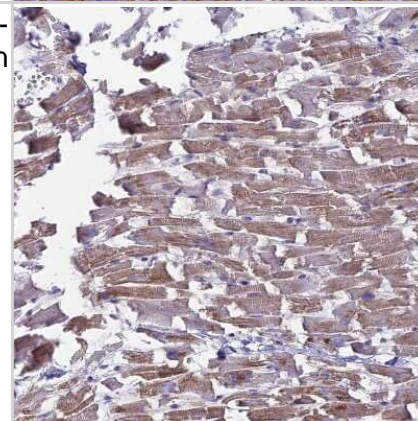
Immunohistochemistry-Paraffin: NCAM-1/CD56 Antibody [NBP2-38452] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neuropil.



Immunohistochemistry-Paraffin: NCAM-1/CD56 Antibody [NBP2-38452] - Staining of human cerebellum shows moderate to strong cytoplasmic positivity in cells in granular layer.



Immunohistochemistry-Paraffin: NCAM-1/CD56 Antibody [NBP2-38452] - Staining of human heart muscle shows moderate cytoplasmic positivity in cardiomyocytes.



Publications

Sandau US, McFarland TJ, Smith SJ et al. Differential Effects of APOE Genotype on MicroRNA Cargo of Cerebrospinal Fluid Extracellular Vesicles in Females With Alzheimer's Disease Compared to Males *Frontiers in cell and developmental biology* 2022-04-27 [PMID: 35573689] (WB, Human)

Han SJ, Sung N, Wang J et al. Steroid receptor coactivator-3 inhibition generates breast cancer antitumor immune microenvironment *Breast cancer research : BCR* 2022-10-31 [PMID: 36316775] (IHC-P, Mouse)

Details:

Dilution used in IHC 1:300

Zhao K, Jiang L, Si Y et al. TIGIT blockade enhances tumor response to radiotherapy via a CD103 + dendritic cell-dependent mechanism *Cancer immunology, immunotherapy : CII* 2022-07-06 [PMID: 35794399] (IHC-P, Human)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-38452

NBP2-38452PEP	NCAM-1/CD56 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-38452

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

