

Product Datasheet

MCCC1 Antibody - BSA Free

NBP1-81254

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: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-81254

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/NBP1-81254



NBP1-81254

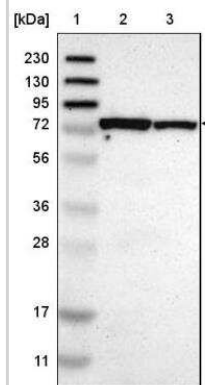
MCCC1 Antibody - BSA Free

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 MCCC1 Antibody - BSA Free (NBP1-81254) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-MCCC1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	56922
Gene Symbol	MCCC1
Species	Human, Mouse
Reactivity Notes	Use in Mouse reported in scientific publication (PMID: 32561715).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ITGTDLVEWQLRIAAGEKIPLSQEEITLQGHAFEARIYAEDPSNNFMPVAGPLVH LSTPRADPSTRIETGVRQGDEVSVHYDPMIAKLVVWAADRQAALTKLRYSLRQ YNIVGLHTNIDFLLNLSGHPEFEAGNVHTDFIPQHH
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	IHC-P Retrieval method: HIER pH6. ICC/IF Fixation/Permeabilization: PFA/Triton X-100.

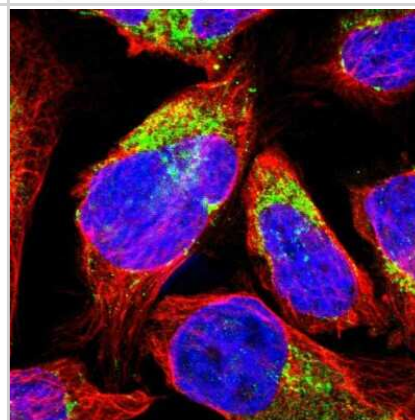


Images

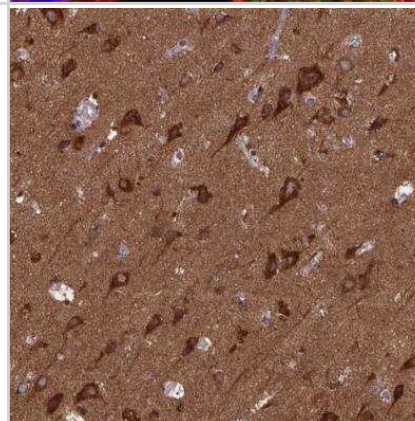
Western Blot: MCCC1 Antibody [NBP1-81254] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



Immunocytochemistry/Immunofluorescence: MCCC1 Antibody [NBP1-81254] - Immunofluorescent staining of human cell line U-2 OS shows localization to mitochondria. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: MCCC1 Antibody [NBP1-81254] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neuronal cells.



Publications

Son S. M, Park S. J, et al. Leucine Signals to mTORC1 via Its Metabolite Acetyl-Coenzyme A. Cell Metab 2019-01-08 [PMID: 30197302] (WB, Mouse, Human)

Son SM, Park SJ, Stamatakou E et al. Leucine regulates autophagy via acetylation of the mTORC1 component raptor Nat Commun 2020-06-19 [PMID: 32561715] (WB, Mouse)



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 NBP1-81254

NBP1-81254PEP	MCCC1 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/NBP1-81254

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

