

Product Datasheet

JAB1 Antibody (2A10.8) - Azide and BSA Free NB120-495

Unit Size: 100 ul

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

www.novusbio.com



technical@novusbio.com

Publications: 11

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB120-495

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/NB120-495



NB120-495

JAB1 Antibody (2A10.8) - Azide and BSA Free

Product Information	
Unit Size	100 ul
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	Monoclonal
Clone	2A10.8
Preservative	No Preservative
Isotype	IgG2b
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	38 kDa

Product Description	
Description	Novus Biologicals Mouse JAB1 Antibody (2A10.8) - Azide and BSA Free (NB120-495) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-JAB1 Antibody: Cited in 11 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10987
Gene Symbol	COPS5
Species	Human, Mouse, Rat, Drosophila
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	The full-length mouse JAB-1 gene expressed in E. coli.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunoprecipitation 0.5-1 ug/ml, Immunohistochemistry-Paraffin

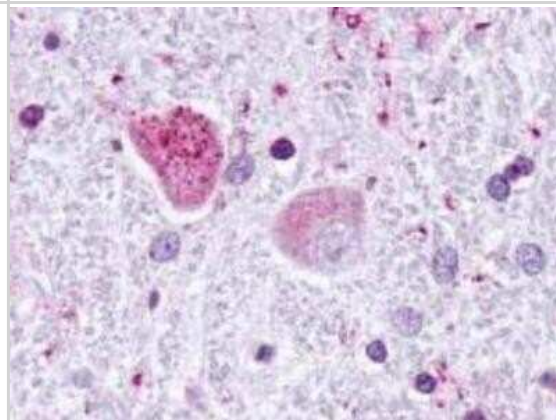


Images

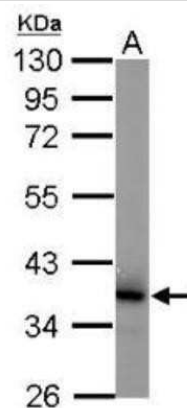
Western Blot: JAB1 Antibody (2A10) [NB120-495] - Sample (50 ug of whole cell lysate) A: Rat liver 10% SDS PAGE diluted at 1:1000



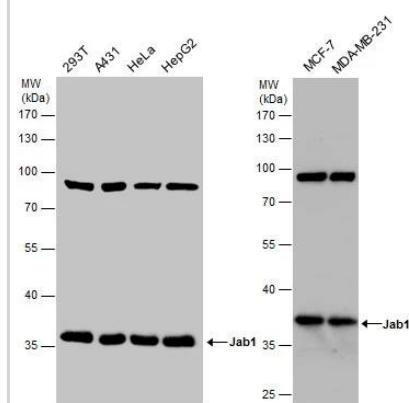
Immunohistochemistry: JAB1 Antibody (2A10) [NB120-495]



Western Blot: JAB1 Antibody (2A10) [NB120-495] - Jab1 antibody [2A10.8] Sample (50 ug of whole cell lysate) A: mouse brain 10% SDS PAGE JAB1 Antibody diluted at 1:10000



Western Blot: JAB1 Antibody (2A10.8) [NB120-495] - JAB1 antibody detects JAB1 protein by western blot analysis. Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with JAB1 antibody (NB120-495) diluted at a dilution of 1:500.



Publications

Pines A, Schiffmacher DL, Lee SH et al. DDA1, a novel factor in transcription-coupled repair, modulates CRL4CSA dynamics at DNA damage-stalled RNA polymerase II Research square 2023-10-12 [PMID: 37886519] (Immunoprecipitation)

Israel S, Drexler Hca, Fuellen G, Boiani M The COP9 signalosome subunit 3 is necessary for early embryo survival by way of a stable protein deposit in mouse oocytes Molecular human reproduction 2021-07-15 [PMID: 34264319]

Karpiyevich M, Adjalley S, Mol M et al. Nedd8 hydrolysis by UCH proteases in Plasmodium parasites PLoS Pathog. 2019-10-01 [PMID: 31658303] (WB, Human)

Wang R, Wang H, Carrera I et al. COPS5 Overexpression Increases Amyloid Plaque Burden, Decreases Spinophilin-Immunoreactive-Puncta and Exacerbates Learning and Memory Deficits in the Mouse Brain J. Biol. Chem. 2015-02-20 [PMID: 25713139]

Wang H, Dey D, Carrera I et al. COPS5 (Jab1) increases γ -site processing of amyloid precursor protein and amyloid β peptide generation by stabilizing RanBP9 protein levels. J Biol Chem 2013-08-07 [PMID: 23926111] (ICC/IF, WB, Mouse, Human)

Merk M, Zierow S, Leng L et al. The D-dopachrome tautomerase (DDT) gene product is a cytokine and functional homolog of macrophage migration inhibitory factor (MIF). Proc Natl Acad Sci USA 2011-08-01 [PMID: 21817065] (WB, ICC/IF, Human)

McCall CM, Miliani de Marval PL, Chastain PD 2nd et al. Human immunodeficiency virus type 1 Vpr-binding protein VprBP, a WD40 protein associated with the DDB1-CUL4 E3 ubiquitin ligase, is essential for DNA replication and embryonic development. Mol Cell Biol 2008-09-01 [PMID: 18606781] (ICC/IF, WB, Human)

Yun J, Tomida A, Andoh T et al. Interaction between glucose-regulated destruction domain of DNA topoisomerase IIalpha and MPN domain of Jab1/CSN5. J Biol Chem 2004-07-01 [PMID: 15126503] (WB, ICC/IF, Human)

Doronkin S, Djagaeva I, Beckendorf SK. CSN5/Jab1 mutations affect axis formation in the Drosophila oocyte by activating a meiotic checkpoint. Development 2002-11-01 [PMID: 12397113] (ICC/IF, WB, Human)

Gemmill RM, Bemis LT, Lee JP et al. The TRC8 hereditary kidney cancer gene suppresses growth and functions with VHL in a common pathway. Oncogene 2002-05-01 [PMID: 12032852] (ICC/IF, WB, Human)

Korbonits M, Chahal HS, Kaltsas G et al. Expression of phosphorylated p27(kip1) protein and Jun activation domain-binding protein 1 in human pituitary tumors. J Clin Endocrinol Metab 2002-06-01 [PMID: 12050228] (WB, ICC/IF, 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 NB120-495

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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/NB120-495

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

