

Product Datasheet

Jarid1A Antibody NB110-40499

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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Publications: 7

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NB110-40499

Jarid1A Antibody

Product Information

Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA
Target Molecular Weight	192 kDa

Product Description

Description	Novus Biologicals Rabbit Jarid1A Antibody (NB110-40499) is a polyclonal antibody validated for use in WB and IP. Anti-Jarid1A Antibody: Cited in 7 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5927
Gene Symbol	KDM5A
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 1640 and 1690 of human JARID1A/RBP2 using the numbering given in entry NP_005047.1 (GeneID 5927).

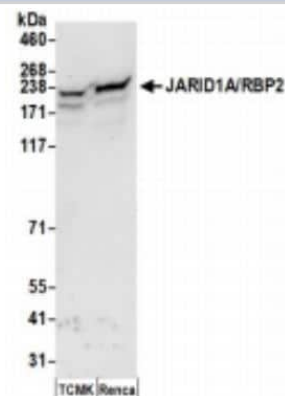
Product Application Details

Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation 4-10 ug/mg lysate

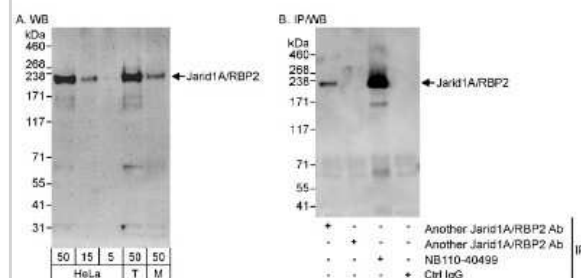


Images

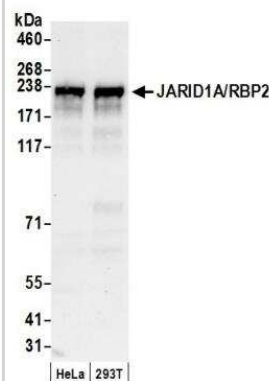
Western Blot: Jarid1A Antibody [NB110-40499] - Whole cell lysate (50 ug) from TCMK-1 and Renca cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-JARID1A/RBP2 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



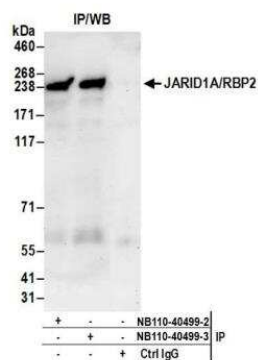
Western Blot: Jarid1A Antibody [NB110-40499] - Detection of Human and Mouse Jarid1A/RBP2 on HeLa whole cell lysate using NB110-40499. Jarid1A/RBP2 was also immunoprecipitated by other rabbit anti-Jarid1A/RBP2 antibodies.



Western Blot: Jarid1A Antibody [NB110-40499] - Detection of Human JARID1A/RBP2 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa and 293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-JARID1A/RBP2 antibody NB110-40499 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Immunoprecipitation: Jarid1A Antibody [NB110-40499] - Detection of human JARID1A/RBP2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-JARID1A/RBP2 antibody NB110-40499 (lot NB110-40499-3) used for IP at 6 ug per reaction. JARID1A/RBP2 was also immunoprecipitated by a previous lot of this antibody (lot NB110-40499-2). For blotting immunoprecipitated JARID1A/RBP2, NB110-40499 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Publications

Smith T, White T, Chen Z, Stewart LV. The KDM5 inhibitor PBIT reduces proliferation of castration-resistant prostate cancer cells via cell cycle arrest and the induction of senescence. *Experimental cell research* 2024-04-08 [PMID: 38462208]

Huang Z, Wang H, Yang M Long non-coding RNA tumor protein 73 antisense RNA 1 influences an interaction between lysine demethylase 5A and promoter of tumor protein 73 to enhance the malignancy of colorectal cancer *Human cell* 2022-07-27 [PMID: 35896939]

Mitsui E, Yoshida S, Shinoda Y et al. Identification of ryuvidine as a KDM5A inhibitor *Sci Rep* 2019-07-09 [PMID: 31289306] (WB)

Chai S Y, Smith R, Fitter J T et al. Increased progesterone receptor A expression in labouring human myometrium is associated with decreased promoter occupancy by the histone demethylase JARID1A. *Mol Hum Reprod.* 2014-05-01 [PMID: 24442343] (Human)

Liefke R, Oswald F, Alvarado C et al. Histone demethylase KDM5A is an integral part of the core Notch-RBP-J repressor complex. *Genes Dev* 2010-03-01 [PMID: 20231316]

Ge Z, Li W, Wang N et al. Chromatin remodeling: recruitment of histone demethylase RBP2 by Mad1 for transcriptional repression of a Myc target gene, telomerase reverse transcriptase. *FASEB J* 2010-02-01 [PMID: 19762557]

Tsai WW, Nguyen TT, Shi Y et al. p53-targeted LSD1 functions in repression of chromatin structure and transcription in vivo. *Mol Cell Biol* 2008-09-01 [PMID: 18573881]





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 NB110-40499

NB800-PC1	HeLa Whole Cell Lysate
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.

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