

Product Datasheet

CDC73/HRPT2 Antibody - BSA Free NB200-184

Unit Size: 100 ul

Store at 4C. Do not freeze.

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Publications: 11

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NB200-184

CDC73/HRPT2 Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description

Description	Novus Biologicals Rabbit CDC73/HRPT2 Antibody - BSA Free (NB200-184) is a polyclonal antibody validated for use in WB and IP. Anti-CDC73/HRPT2 Antibody: Cited in 11 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	79577
Gene Symbol	CDC73
Species	Human, Mouse
Specificity/Sensitivity	NB200-184 is specific for human Parafibromin protein.
Immunogen	The immunogen recognized by this antibody maps to a region between residues 250 and 300 of human Parafibromin using the numbering given in TrEMBL entry Q6P1J9 (GeneID 79577).

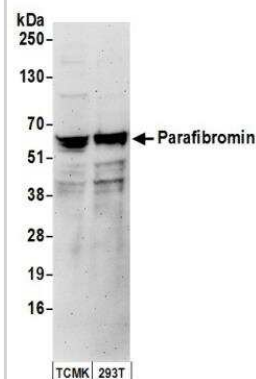
Product Application Details

Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:5000-1:20000, Immunoprecipitation 1-4 ug/mg lysate
Application Notes	Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

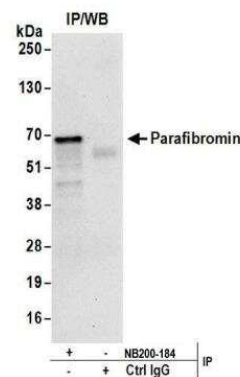


Images

Western Blot: CDC73/HRPT2 Antibody [NB200-184] - Detection of Human and Mouse Para fibromin by Western Blot. Samples: Whole cell lysate (50 ug) from mouse TCMK-1 and human 293T cells. Antibodies: Affinity purified rabbit anti-Parafibromin antibody NB200-184 used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Immunoprecipitation: CDC73/HRPT2 Antibody [NB200-184] - Detection of human CDC73/HRPT2 (Parafibromin) by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HEK293T cells. Antibodies: Affinity purified rabbit anti-CDC73/HRPT2 antibody NB200-184 used for IP at 6 ug/mg lysate. For blotting immunoprecipitated CDC73/HRPT2, NB200-184 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Publications

Tathe P, Chowdary KVSR, Murmu KC et al. SHP-1 dephosphorylates histone H2B to facilitate its ubiquitination during transcription. *The EMBO journal* 2022-08-08 [PMID: 35938192]

Wu J, Xu W. Histone H3R17me2a mark recruits human RNA polymerase-associated factor 1 complex to activate transcription. *Proc Natl Acad Sci U S A* 2012-04-01 [PMID: 22451921]

Ruepp MD, Vivarelli S, Pillai RS et al. The 68 kDa subunit of mammalian cleavage factor I interacts with the U7 small nuclear ribonucleoprotein and participates in 3'-end processing of animal histone mRNAs. *Nucleic Acids Res* 2010-11-01 [PMID: 20634199]

Yang YJ, Han JW, Youn HD et al. The tumor suppressor, parafibromin, mediates histone H3 K9 methylation for cyclin D1 repression. *Nucleic Acids Res* 2010-01-01 [PMID: 19906718]

Rozenblatt-Rosen O, Nagaike T, Francis JM et al. The tumor suppressor Cdc73 functionally associates with CPSF and CstF 3' mRNA processing factors. *Proc Natl Acad Sci U S A* 2009-01-01 [PMID: 19136632]

Lin L, Zhang JH, Panicker LM et al. The parafibromin tumor suppressor protein inhibits cell proliferation by repression of the c-myc proto-oncogene. *Proc Natl Acad Sci U S A* 2008-11-01 [PMID: 18987311]

Tran H, Hamada F, Schwarz-Romond T, Bienz M. Trabadin, a new positive regulator of Wnt-induced transcription with preference for binding and cleaving K63-linked ubiquitin chains. *Genes Dev* 2008-02-15 [PMID: 18281465]

Wang P, Bowl MR, Bender S et al. Parafibromin, a component of the human PAF complex, regulates growth factors and is required for embryonic development and survival in adult mice. *Mol Cell Biol* 2008-05-01 [PMID: 18212049]

Juhlin CC, Villablanca A, Sandelin K et al. Parafibromin immunoreactivity: its use as an additional diagnostic marker for parathyroid tumor classification. *Endocr Relat Cancer* 2007-06-01 [PMID: 17639063]

Mosimann C, Hausmann G, Basler K et al. Parafibromin/Hyrax activates Wnt/Wg target gene transcription by direct association with beta-catenin/Armadillo. *Cell* 2006-04-01 [PMID: 16630820]

Yart A, Gstaiger M, Wirbelauer C et al. The HRPT2 tumor suppressor gene product parafibromin associates with human PAF1 and RNA polymerase II. *Mol Cell Biol*. 2005 Jun;25(12):5052-60. [PMID: 15923622]





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 NB200-184

NBL1-09015	CDC73/HRPT2 Overexpression 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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