

Product Datasheet

p400 Antibody NB200-210

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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Publications: 8

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NB200-210

p400 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

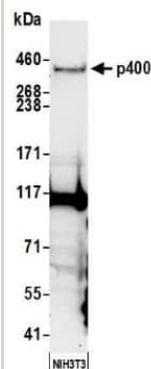
Product Description	
Description	Novus Biologicals Rabbit p400 Antibody (NB200-210) is a polyclonal antibody validated for use in WB and IP. Anti-p400 Antibody: Cited in 8 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	57634
Gene Symbol	EP400
Species	Human, Mouse
Reactivity Notes	Gorilla (100%).
Immunogen	The immunogen recognized by this antibody maps to a region between residues 3075 and the C-terminus (residue 3124) of human E1A binding protein p400 using the numbering given in entry AAK97789.1 (GeneID 57634).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:5000, Immunoprecipitation 2-5 ug/mg lysate
Application Notes	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

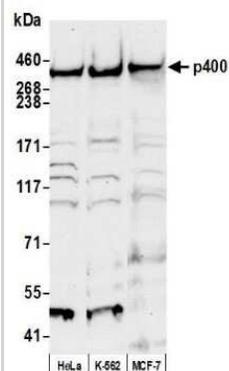


Images

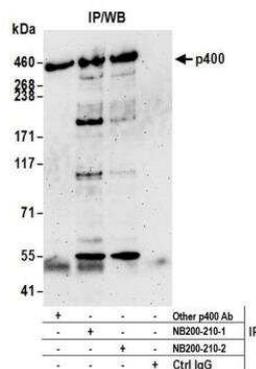
Western Blot: p400 Antibody [NB200-210] - Detection of mouse p400 by western blot. Samples: Whole cell lysate (50 ug) from NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-p400 antibody NB200-210 used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Western Blot: p400 Antibody [NB200-210] - Detection of human p400 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, K-562, and MCF-7 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-p400 antibody NB200-210 used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Immunoprecipitation: p400 Antibody [NB200-210] - Detection of human p400 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-p400 antibody NB200-210 (lot 2) used for IP at 6 ug per reaction. p400 was also immunoprecipitated by a previous lot of this antibody (lot 1) and rabbit anti-p400 antibody from Company B. For blotting immunoprecipitated p400, NB200-210 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Publications

Pugacheva, EM;Bhatt, DN;Rivero-Hinojosa, S;Tajmul, M;Fedida, L;Price, E;Ji, Y;Loukinov, D;Strunnikov, AV;Ren, B;Lobanenkov, VV; BORIS/CTCF epigenetically reprograms clustered CTCF binding sites into alternative transcriptional start sites *Genome biology* 2024-01-31 [PMID: 38297316]

Fujimoto M, Takii R, Matsumoto M et al. HSF1 phosphorylation establishes an active chromatin state via the TRRAP-TIP60 complex and promotes tumorigenesis *Nature communications* 2022-07-29 [PMID: 35906200] (WB, Human)

Krukenberg KA, Jiang R, Steen JA, Mitchison, TJ. Basal Activity of a PARP1-NuA4 Complex Varies Dramatically across Cancer Cell Lines. *Cell Rep.* 2014-09-25 [PMID: 25199834] (IP)

Illingworth RS, Botting CH, Grimes GR et al. PRC1 and PRC2 are not required for targeting of H2A.Z to developmental genes in embryonic stem cells. *PLoS One* 2012-01-01 [PMID: 22496869]

Xu Y, Sun Y, Jiang X et al. The p400 ATPase regulates nucleosome stability and chromatin ubiquitination during DNA repair. *J Cell Biol* 2010-10-01 [PMID: 20876283]

Powell ML, Smith JA, Sowa ME et al. NCoR1 mediates papillomavirus E8;E2C transcriptional repression. *J Virol* 2010-05-01 [PMID: 20181716]

Smith JA, White EA, Sowa ME et al. Genome-wide siRNA screen identifies SMCX, EP400, and Brd4 as E2-dependent regulators of human papillomavirus oncogene expression. *Proc Natl Acad Sci U S A* 2010-02-01 [PMID: 20133580]

Young AP, Schlisio S, Minamishima YA et al. VHL loss actuates a HIF-independent senescence programme mediated by Rb and p400. *Nat Cell Biol* 2008-03-01 [PMID: 18297059]





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Products Related to NB200-210

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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