

Product Datasheet

NCAPD3 Antibody NB100-1573

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB100-1573

NCAPD3 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

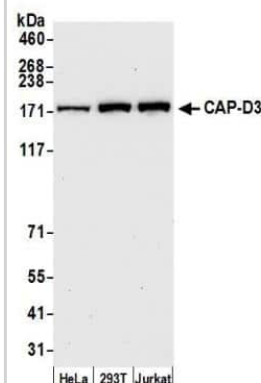
Product Description	
Description	Novus Biologicals Rabbit NCAPD3 Antibody (NB100-1573) is a polyclonal antibody validated for use in WB, ICC/IF and IP. Anti-NCAPD3 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23310
Gene Symbol	NCAPD3
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 1450 and the C-terminus (residue 1507) of human Chromosome-Associated Protein D3 using the numbering given in entry NP_056076.1 (GeneID 23310).

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 2-10 ug/mg lysate
Application Notes	Use in ICC/IF reported in scientific literature (PMID: 30455981).

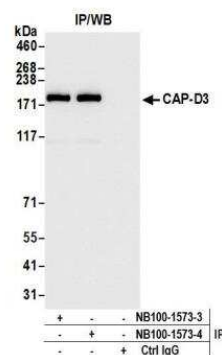


Images

Western Blot: NCAPD3 Antibody [NB100-1573] - Detection of human CAP-D3 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, 293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CAP-D3 antibody NB100-1573 (lotNB100-1573-4) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Immunoprecipitation: NCAPD3 Antibody [NB100-1573] - Detection of human CAP-D3 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CAP-D3 antibody (lot NB100-1573-4) used for IP at 6 ug per reaction. CAP-D3 was also immunoprecipitated by a previous lot of this antibody (lot NB100-1573-3). For blotting immunoprecipitated CAP-D3, NB100-1573 was used at 0.2 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



Publications

El-Daher MT, Cagnard N, Gil M et al. Tetratricopeptide repeat domain 7A is a nuclear factor that modulates transcription and chromatin structure. *Cell Discov.* 2018-11-13 [PMID: 30455981] (ICC/IF, Human)

Leung JW, Leitch A, Wood JL et al. SET nuclear oncogene associates with microcephalin/MCPH1 and regulates chromosome condensation. *J Biol Chem* 2011-06-01 [PMID: 21515671]

Wood JL, Liang Y, Li K et al. Microcephalin/MCPH1 associates with the Condensin II complex to function in homologous recombination repair. *J Biol Chem* 2008-10-01 [PMID: 18718915]



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Products Related to NB100-1573

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-55493PEP	NCAPD3 Recombinant Protein Antigen

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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