

# Product Datasheet

## PSRC2 Antibody NB100-68267

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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### Publications: 7

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**NB100-68267**

## PSRC2 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

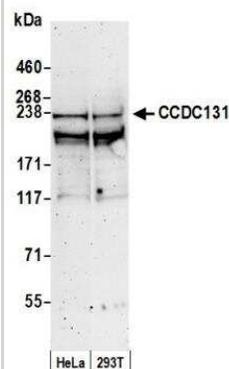
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit PSRC2 Antibody (NB100-68267) is a polyclonal antibody validated for use in WB, ICC/IF and IP. Anti-PSRC2 Antibody: Cited in 7 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	196441
Gene Symbol	ZFC3H1
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 1939 and 1989 of human coiled-coil domain containing 131 using the numbering given in entry NP_659419.3 (GeneID 196441).

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockout Validated
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 2 - 10 ug/mg lysate, Knockout Validated
Application Notes	Knockout validation (PMID: 31722198). Use in ICC/IF reported in scientific literature (PMID:31950173).

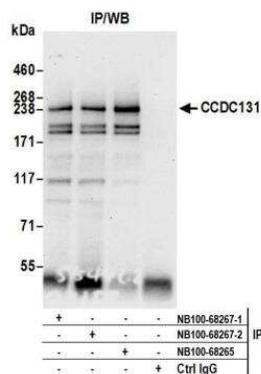


## Images

Western Blot: PSRC2 Antibody [NB100-68267] - Detection of Human CCDC131 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa and 293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CCDC131 antibody NB100-68267 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



PSRC2 Antibody [NB100-68267] - Detection of human CCDC131/PSRC2 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-CCDC131 antibody NB100-68267 (lot 2 ) used for IP at 6 ug per reaction. CCDC131 was also immunoprecipitated by a previous lot of this antibody (lot 1) and rabbit anti-CCDC131 antibody NB100-68265. For blotting immunoprecipitated CCDC131, NB100-68267 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



## Publications

Fan J, Wang Y, Wen M, Tong D et Al. Dual modes of ZFC3H1 confer selectivity in nuclear RNA sorting Mol Cell 2024 -10-26 [PMID: 39461342]

Taniue K, Sugawara A, Zeng C et al. The MTR4/hnRNPk complex surveils aberrant polyadenylated RNAs with multiple exons Nature Communications 2024-10-17 [PMID: 39419981]

Toomas Silla, Evdokia Karadoulama, Dawid Małkosa, Michal Lubas, Torben Heick Jensen The RNA Exosome Adaptor ZFC3H1 Functionally Competes with Nuclear Export Activity to Retain Target Transcripts Cell Reports 2018-05-15 [PMID: 29768216]

Wang Y, Fan J, Wang J et al. ZFC3H1 prevents RNA trafficking into nuclear speckles through condensation Nucleic acids research 2021-09-16 [PMID: 34530450] (WB, ICC/IF)

Silla T, Schmid M, Dou Y et al. The human ZC3H3 and RBM26/27 proteins are critical for PAXT-mediated nuclear RNA decay Nucleic Acids Res. 2020-01-17 [PMID: 31950173] (ICC/IF, Human)

Lloret-Llinares M, Jensen TH Global Identification of Human Exosome Substrates Using RNA Interference and RNA Sequencing Methods Mol. Biol. 2019-11-27 [PMID: 31768975] (WB, Human)

Garland W, Comet I, Wu M et al. A Functional Link between Nuclear RNA Decay and Transcriptional Control Mediated by the Polycomb Repressive Complex 2 Cell Rep 2019-11-12 [PMID: 31722198] (KO)



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### **Products Related to NB100-68267**

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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

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### **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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