

# Product Datasheet

## CrkRS Antibody - BSA Free

### NB100-87011

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 6

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**NB100-87011**

CrkRS Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
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)

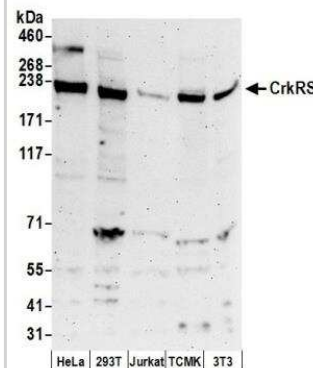
Product Description	
Description	Novus Biologicals Rabbit CrkRS Antibody - BSA Free (NB100-87011) is a polyclonal antibody validated for use in WB and IP. Anti-CrkRS Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	51755
Gene Symbol	CDK12
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 1 and 50 of human cell division cycle 2 (CDC2)-related kinase arginine/serine-rich using the numbering given in entry NP_057591.2 (GeneID 51755).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation 2 - 10 ug/mg lysate
Application Notes	Use in WB reported in scientific literature ( PMID 24478330).

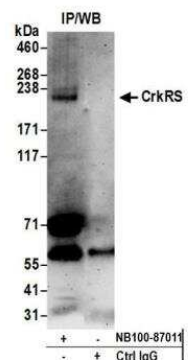


## Images

**Western Blot: CrkRS Antibody [NB100-87011] - Detection of Human and Mouse CrkRS by Western Blot.** Samples: Whole cell lysate (50 ug) from HeLa, 293T, Jurkat, mouse TCMK-1, and mouse NIH3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CrkRS antibody NB100-87011 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



**Immunoprecipitation: CrkRS Antibody [NB100-87011] - Detection of human CrkRS by western blot of immunoprecipitates.** Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CrkRS antibody NB100-87011 used for IP at 6 ug per reaction. For blotting immunoprecipitated CrkRS, NB100-87011 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



## Publications

Chai Q, Li S, Collins MK et al. HIV-1 Nef interacts with the cyclin K/CDK13 complex to antagonize SERINC5 for optimal viral infectivity Cell Reports 2021-08-10 [PMID: 34380030] (Western Blot, Human)

Guiro J, Fagbemi M, Tellier M et al. CAPTURE of the Human U2 snRNA Genes Expands the Repertoire of Associated Factors Biomolecules 2022-05-14 [PMID: 35625631] (Western Blot, Human)

Friedrich MS Understanding and Exploiting MYCN Addiction in High-Risk Neuroblastoma Using the Example of CDK13 Thesis 2021-01-01 (WB, Human)

Quereda V, Bayle S, Vena F et al. Therapeutic Targeting of CDK12/CDK13 in Triple-Negative Breast Cancer Cancer Cell 2019-10-08 [PMID: 31668947]

Eifler Tt, Shao W, Bartholomeeusen K et al. CDK12 increases 3' end processing of growth factor-induced c-FOS transcripts. Mol. Cell. Biol. 2014-11-10 [PMID: 25384976]

Davidson L, Muniz L, West S. 3' end formation of pre-mRNA and phosphorylation of Ser2 on the RNA polymerase II CTD are reciprocally coupled in human cells. Genes Dev. 2014-02-17 [PMID: 24478330] (WB, Human)



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### **Products Related to NB100-87011**

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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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