

# Product Datasheet

## BubR1 Antibody - BSA Free NB100-579

Unit Size: 100 ul

Store at 4C. Do not freeze.

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



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### Publications: 5

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**NB100-579**

BubR1 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)
Target Molecular Weight	120 kDa

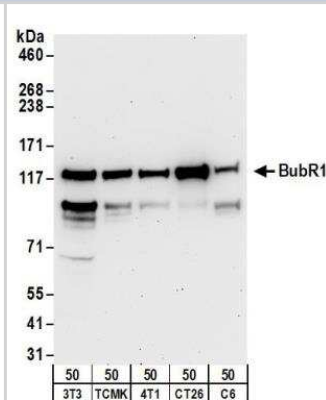
Product Description	
Description	Novus Biologicals Rabbit BubR1 Antibody - BSA Free (NB100-579) is a polyclonal antibody validated for use in WB and IP. Anti-BubR1 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	701
Gene Symbol	BUB1B
Species	Human, Mouse, Rat
Immunogen	The immunogen recognized by this antibody maps to a region between residues 350 and 400 of human budding uninhibited by benzimidazoles 1 homolog beta using the numbering given in TrEMBL entry Q8WV50 (GeneID 701).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:5000-1:15000, Immunoprecipitation 1-5 ug/mg lysate

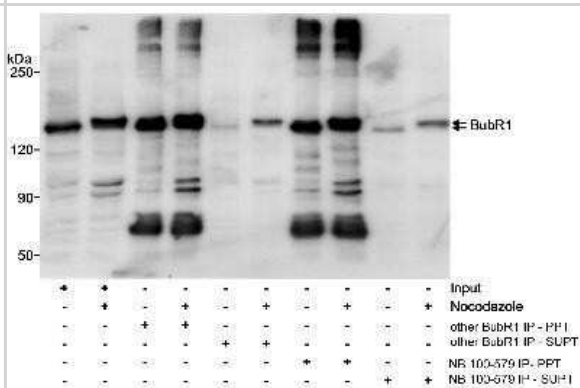


## Images

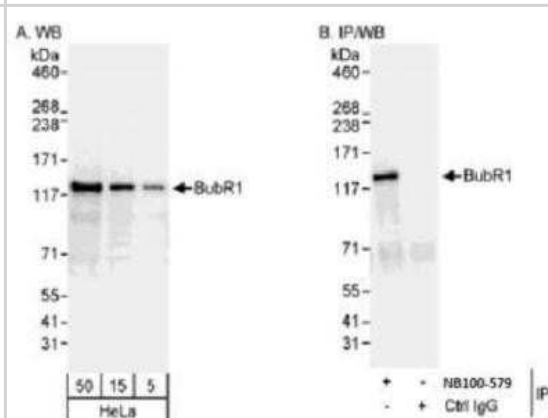
Western Blot: BubR1 Antibody [NB100-579] - Detection of Mouse and Rat BubR1 by Western Blot. Samples: Whole cell lysate (50 ug) from NIH3T3, TCMK-1, 4T1, CT26.WT, and rat C6 cells. Antibodies: Affinity purified rabbit anti-BubR1 antibody NB100-579 used for WB at 0.2 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Western Blot: BubR1 Antibody [NB100-579] - Detection of Human BubR1 on HeLa whole cell lysate using NB100-579. BubR1 was also immunoprecipitated using another affinity purified rabbit anti-BubR1 antibody to a different epitope.



Western Blot: BubR1 Antibody [NB100-579] - Whole cell lysate (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-BubR1 antibody NB100-579 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate.



## Publications

Zhang G, Kelstrup CD, Hu XW et al. The Ndc80 internal loop is required for recruitment of the Ska complex to establish end-on microtubule attachment to kinetochores. *J Cell Sci* 2012-07-01 [PMID: 22454517]

Ma HT, Poon RY. Orderly inactivation of the key checkpoint protein mitotic arrest deficient 2 (MAD2) during mitotic progression. *J Biol Chem* 2011-04-01 [PMID: 21335556]

Chow JP, Poon RY, Ma HT et al. Inhibitory phosphorylation of cyclin-dependent kinase 1 as a compensatory mechanism for mitosis exit. *Mol Cell Biol* 2011-04-01 [PMID: 21262764]

Braunstein I, Miniowitz S, Moshe Y et al. Inhibitory factors associated with anaphase-promoting complex/cylosome in mitotic checkpoint. *Proc Natl Acad Sci U S A* 2007-03-01 [PMID: 17360335]

Tang J, Erikson RL, Liu X et al. Checkpoint kinase 1 (Chk1) is required for mitotic progression through negative regulation of polo-like kinase 1 (Plk1). *Proc Natl Acad Sci U S A* 2006-08-01 [PMID: 16873548]



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### **Products Related to NB100-579**

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NBL1-08057	BubR1 Overexpression Lysate
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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