

# Product Datasheet

## KAT3B/p300 Antibody (RW105) - Azide and BSA Free NBP2-80820

Unit Size: 0.2 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-80820](http://www.novusbio.com/NBP2-80820)

Updated 9/9/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-80820](http://www.novusbio.com/reviews/destination/NBP2-80820)



**NBP2-80820**

KAT3B/p300 Antibody (RW105) - Azide and BSA Free

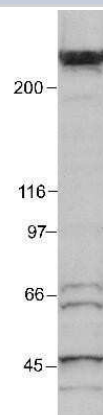
Product Information	
Unit Size	0.2 ml
Concentration	1 mg/ml
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RW105
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse KAT3B/p300 Antibody (RW105) - Azide and BSA Free (NB100-616) is a monoclonal antibody validated for use in WB, Flow, ICC/IF, IP and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2033
Gene Symbol	EP300
Species	Human, Mouse, Rat, Mustelid, Primate
Reactivity Notes	Mink.
Immunogen	Fusion protein containing residues 1572-2371 of human KAT3B/p300. [UniProt# Q0947]

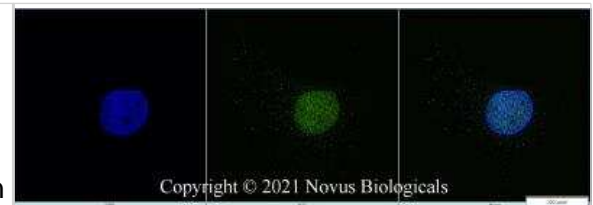
Product Application Details	
Applications	Western Blot, Electron Microscopy, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, In vitro assay, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:250-1:500, Flow Cytometry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation 1:10-1:500, In vitro assay reported in scientific literature (PMID 25728767), Electron Microscopy reported in scientific literature (PMID 25728767), Flow (Intracellular), Chromatin Immunoprecipitation (ChIP)

**Images**

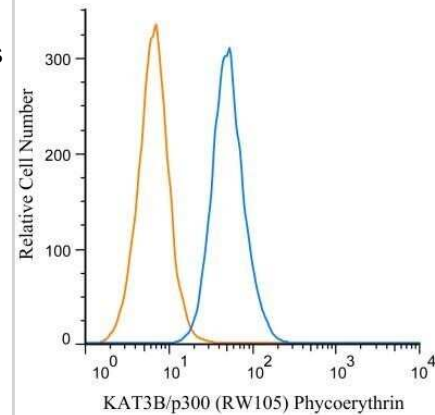
Western Blot: KAT3B/p300 Antibody (RW105) - Azide and BSA Free [NBP2-80820] - p300 detected in a HeLa nuclear extract using NB 100-616 (1:250). ECL: 20 minute exposure. Image from the standard format of this antibody.



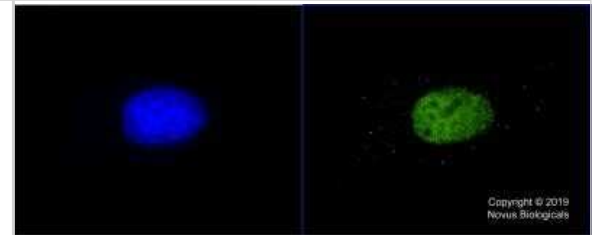
Immunocytochemistry/Immunofluorescence: KAT3B/p300 Antibody (RW105) - Azide and BSA Free [NBP2-80820] - HeLa cells were fixed in 4% paraformaldehyde for 10 minutes and permeabilized in 0.5% Triton X-100 in PBS for 5 minutes. The cells were incubated with anti-KAT3B/p300 Antibody (RW105) NBP2-80820 at 2 ug/ml overnight at 4C and detected with an anti-mouse Dylight 488 (Green) at a 1:1000 dilution for 60 minutes. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 100X objective and digitally deconvolved.



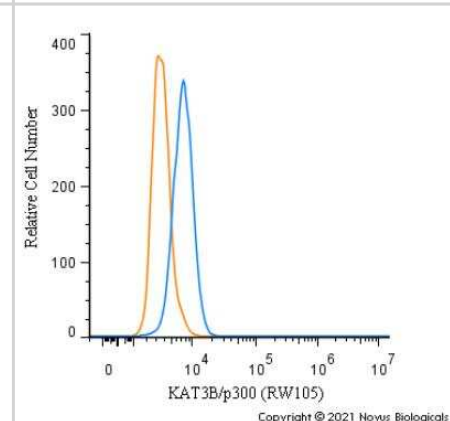
Flow Cytometry: KAT3B/p300 Antibody (RW105) - Azide and BSA Free [NBP2-80820] - An intracellular stain was performed on RAW 246.7 cells with KAT3B/p300 antibody (RW105) NB100-616PE (blue) and a matched isotype control NBP2-27287PE (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Phycoerythrin. Image using the PE format of this antibody. Image from the standard format of this antibody.



Immunocytochemistry/Immunofluorescence: KAT3B/p300 Antibody (RW105) - Azide and BSA Free [NBP2-80820] - HeLa cells were fixed in 4% paraformaldehyde for 10 min and permeabilized in 0.05% Triton X-100 in PBS for 5 minutes. The cells were incubated with anti-KAT3B Antibody (RW105) at 5ug/ml for 60 minutes at room temperature and detected with an anti-mouse Dylight 488 (Green) at a 1:1000 dilution for 60 minutes. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 100X objective. Image from the standard format of this antibody.



Flow Cytometry: KAT3B/p300 Antibody (RW105) - Azide and BSA Free [NBP2-80820] - An intracellular stain was performed on Raw264.7 cells with KAT3B/p300 Antibody (RW105) NBP2-80820 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1.0 ug/mL for 30 minutes at room temperature, followed by Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Dylight 550 (35503, Thermo Fisher).





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-80820**

---

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-80820](http://www.novusbio.com/reviews/submit/NBP2-80820)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

