

# Product Datasheet

## p66 beta Antibody NB100-60646

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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



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### Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
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Updated 9/9/2025 v.20.1

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**NB100-60646**

p66 beta Antibody

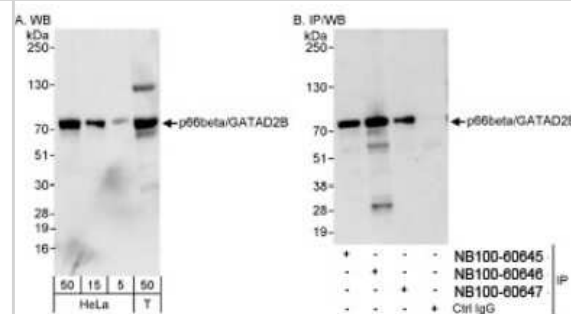
Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

Product Description	
Description	Novus Biologicals Rabbit p66 beta Antibody (NB100-60646) is a polyclonal antibody validated for use in IHC, WB, IP and ChIP. Anti-p66 beta Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	57459
Gene Symbol	GATAD2B
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 50 and 100 of human transcription repressor p66 beta component of the MeCP1 complex (GATA zinc finger domain containing 2B ) using the numbering given in entry NP_065750.1 (GeneID

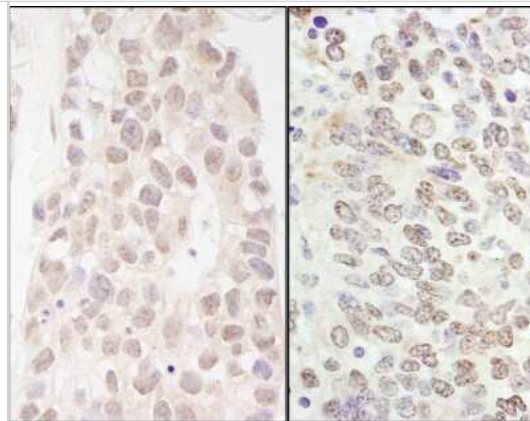
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:100-1:500, Chromatin Immunoprecipitation (ChIP)
Application Notes	Use in ChIP reported in scientific literature (PMID:34260936). Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

**Images**

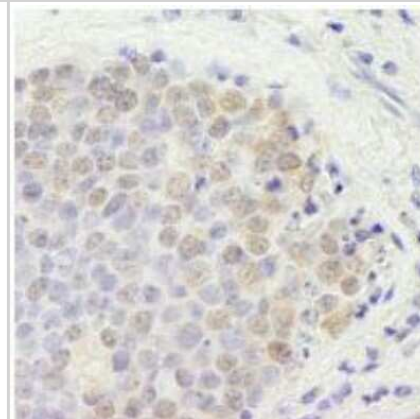
Western Blot: p66 beta Antibody [NB100-60646] - Detection of Human p66beta/GATAD2B on HeLa whole cell lysate using NB100-60646. p66beta/GATAD2B was also immunoprecipitated by rabbit anti-p66beta/GATAD2B antibodies NB100-60645 and NB100-60647.



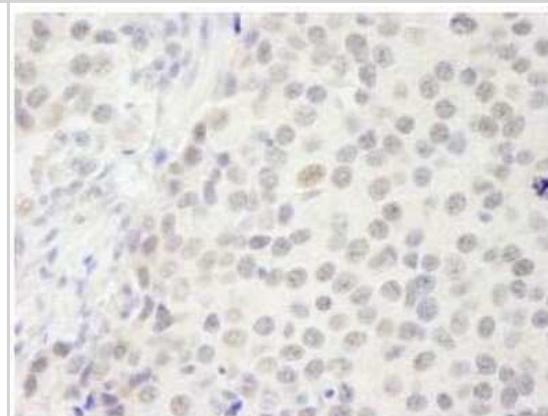
Immunohistochemistry: p66 beta Antibody [NB100-60646] - Sample: FFPE section of human breast carcinoma (left) and mouse teratoma (right). Antibody: Affinity purified rabbit anti- p66beta/GATAD2B used at a dilution of 1:200 (1ug/ml). Detection: DAB



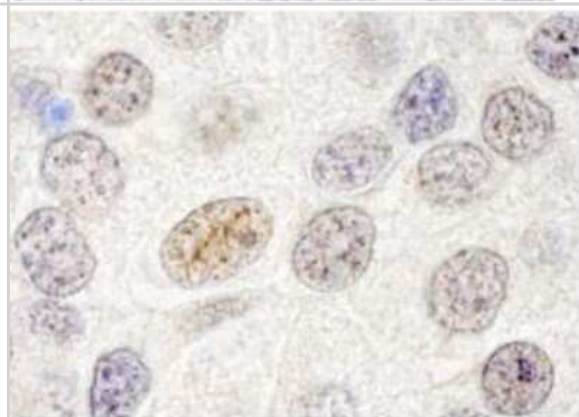
Immunohistochemistry-Paraffin: p66 beta Antibody [NB100-60646] - Human small cell lung cancer. Antibody: Affinity purified rabbit antip66beta/ GATAD2B used at a dilution of 1:250.



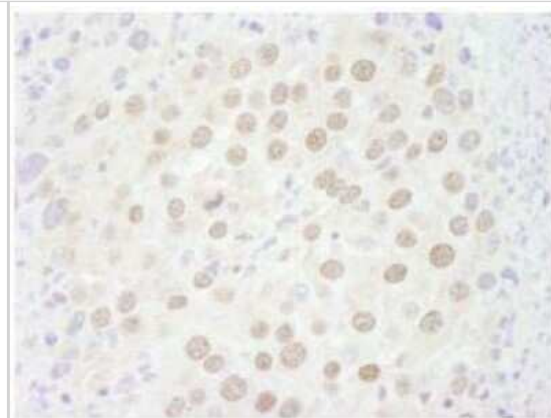
Immunohistochemistry-Paraffin: p66 beta Antibody [NB100-60646] - Human small cell lung cancer. Antibody: Affinity purified rabbit antip66beta/GATAD2B used at a dilution of 1:250.



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Immunohistochemistry-Paraffin: p66 beta Antibody [NB100-60646] - Human small cell lung cancer. Antibody: Affinity purified rabbit anti-p66beta/GATAD2B used at a dilution of 1:250.



## Publications

Kim B, Luo Y, Zhan X Et Al. Neuronal activity-induced BRG1 phosphorylation regulates enhancer activation Cell reports 2021-07-13 [PMID: 34260936] (Chemotaxis, WB)

Okkelman IA, Sukaeva AZ, Kirukhina EV et al. Nuclear translocation of lysyl oxidase is promoted by interaction with transcription repressor p66B Cell Tissue Res. 2014-08-15 [PMID: 25118846]



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### **Products Related to NB100-60646**

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NBL1-10987	p66 beta 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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