

# Product Datasheet

## GNB1 Antibody - BSA Free

### NBP1-55307

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-55307**

GNB1 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, 2% Sucrose
<b>Target Molecular Weight</b>	37 kDa

**Product Description**

<b>Description</b>	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
<b>Host</b>	Rabbit
<b>Gene ID</b>	2782
<b>Gene Symbol</b>	GNB1
<b>Species</b>	Human, Rat
<b>Reactivity Notes</b>	Rat reactivity reported in scientific literature (PMID: 26149443).
<b>Specificity/Sensitivity</b>	This product is specific to Subunit or Isoform: beta-1.
<b>Immunogen</b>	Synthetic peptides corresponding to GNB1(guanine nucleotide binding protein (G protein), beta polypeptide 1) The peptide sequence was selected from the N terminal of GNB1. Peptide sequence MSELQQLRQEAEQLKNQIRDARKACADATLSQITNNIDPVGRIQMRTRRT The peptide sequence for this immunogen was taken from within the described region.

**Product Application Details**

<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot 1.0 ug/ml

**Images**

Western Blot: GNB1 Antibody [NBP1-55307] - Human Brain lysate, concentration 0.2-1 ug/ml.



## Publications

Stockton SD, Gomes I, Liu T et al. Morphine Regulated Synaptic Networks Revealed by Integrated Proteomics and Network Analysis Mol. Cell Proteomics. 2015-07-06 [PMID: 26149443] (WB, Rat)

### Details:

GNB1 antibody was used for WB analysis of 15ug of postsynaptic density/PSD fraction from striatum of morphine or saline treated rats.





### **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

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-51678-0.05mg	Recombinant Human GNB1 His Protein

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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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