

# Product Datasheet

## GNB3 Antibody NBP1-52107

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-52107**

## GNB3 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat GNB3 Antibody (NBP1-52107) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-GNB3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	2784
Gene Symbol	GNB3
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize GNB3 & GNB4 (GeneID: 2784, 59345; ProteinID: NP_002066.1; NP_067642.1).
Immunogen	Peptide with sequence SGHDNRVSLGVT corresponding to internal region according to NP_002066.1, NP_067642.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Immunohistochemistry 3 - 5 ug/ml, Immunohistochemistry-Paraffin 3 - 5 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 35 kDa band observed in HepG2 lysates (calculated MW of 37.2 kDa band according to NP_002066.1. IHC-P: Human cerebellum shows strong axonal staining in the molecular layer and less so in the granular layer.

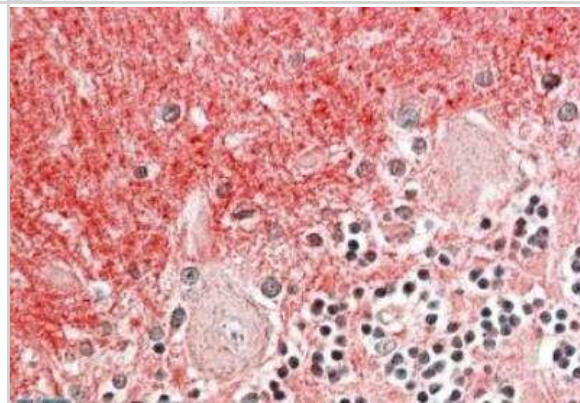


## Images

Western Blot: GNB3 Antibody [NBP1-52107] - Analysis of GNB3 in HepG2 lysate (35ug protein in RIPA buffer) using this antibody at 0.1 ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

Immunohistochemistry-Paraffin: GNB3 Antibody [NBP1-52107] - (3.8ug/ml) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Gentile G, Missori S, Borro M et al. Frequencies of genetic polymorphisms related to triptans metabolism in chronic migraine. J Headache Pain 2010-04-01 [PMID: 20213484]



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### **Products Related to NBP1-52107**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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