

# Product Datasheet

## GABA-B R1 Antibody (PSH03-87) NBP3-32360

Unit Size: 100 ul

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

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**NBP3-32360**

GABA-B R1 Antibody (PSH03-87)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH03-87
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	108 kDa

Product Description	
Description	Novus Biologicals Rabbit GABA-B R1 Antibody (PSH03-87) (NBP3-32360) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2550
Gene Symbol	GABBR1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human GABA-B R1 aa 142-591 / 961. (Uniprot: Q9UBS5)

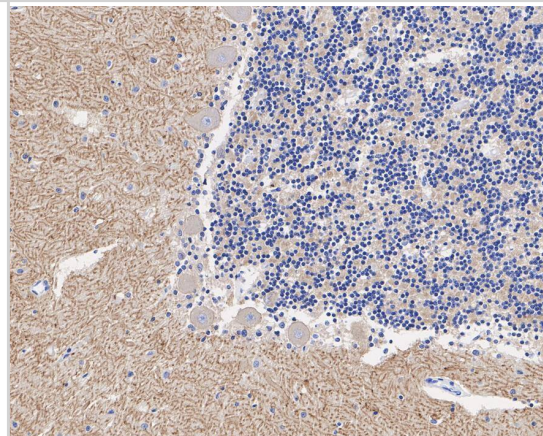
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:5000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000-1:20000



## Images

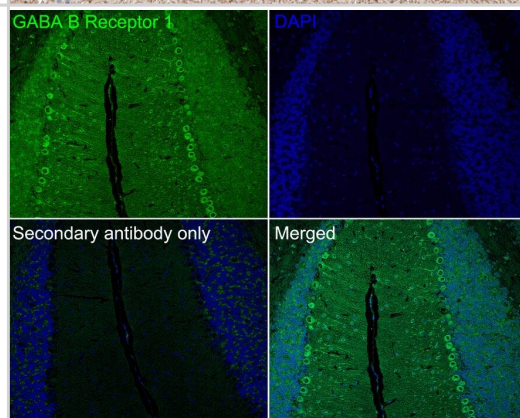
**Immunohistochemistry: GABA-B R1 Antibody (PSH03-87) [NBP3-32360]**  
- Immunohistochemical analysis of paraffin-embedded human cerebellum tissue with Rabbit anti-GABA-B R1 antibody (NBP3-32360) at 1/20,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32360) at 1/20,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



**Immunohistochemistry: GABA-B R1 Antibody (PSH03-87) [NBP3-32360]**  
- Immunofluorescence analysis of paraffin-embedded mouse cerebellum tissue labeling GABA-B R1 with Rabbit anti-GABA-B R1 antibody (NBP3-32360) at 1/50 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with the primary antibody (NBP3-32360, green) at 1/50 dilution overnight at 4 °C, washed with PBS. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).



**Western Blot: GABA-B R1 Antibody (PSH03-87) [NBP3-32360]**  
- Western blot analysis of GABA-B R1 on different lysates with Rabbit anti-GABA-B R1 antibody (NBP3-32360) at 1/2,000 dilution.

Lane 1: Human brain tissue lysate  
Lane 2: Mouse brain tissue lysate  
Lane 3: Rat brain tissue lysate (no heat)  
Lane 4: Mouse cerebellum tissue lysate (70 °C heat)  
Lane 5: Rat cerebellum tissue lysate  
Lane 6: Mouse skeletal muscle tissue lysate (no heat) (negative)  
Lane 7: Rat skeletal muscle tissue lysate (no heat) (negative)

Lysates/proteins at 40 µg/Lane.

Predicted band size: 108 kDa  
Observed band size: 95-108 kDa

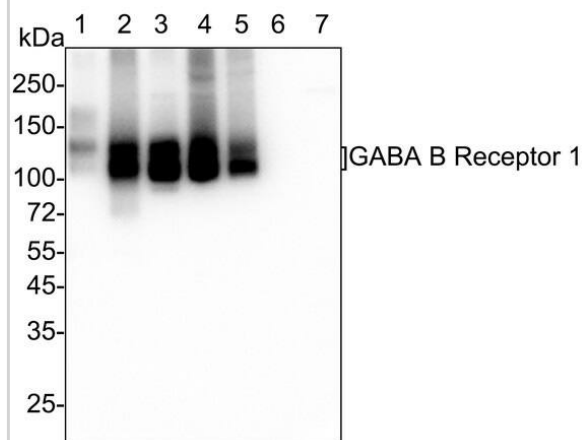
Exposure time:

Lane 1-7 (left): 28 seconds;

Lane 1-5 (right): 2 minutes 34 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/2,000 dilution was used in 5% NFDM/TBST at 4 °C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.





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### **Products Related to NBP3-32360**

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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
H00002550-Q01-10ug	Recombinant Human GABA-B R1 GST (N-Term) 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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