

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)

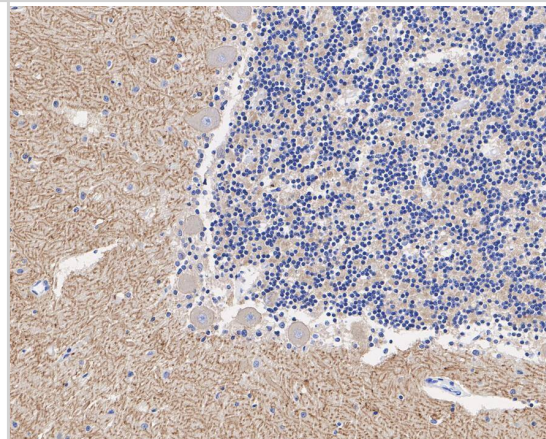
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:5000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000-1:20000



Images

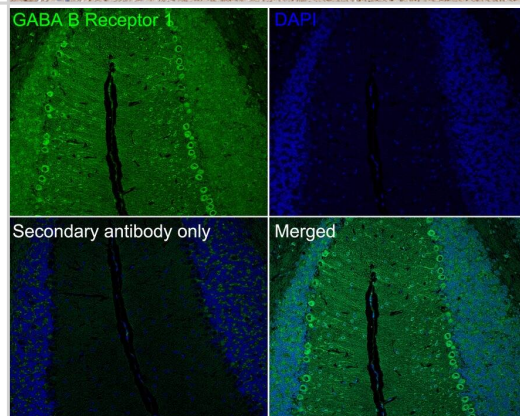
Immunohistochemistry: GABA-B R1 Antibody (PSH03-87) [NBP3-32360]
- Immunohistochemical analysis of paraffin-embedded human cerebellum tissue with Rabbit anti-GABA-B R1 antibody (NBP3-32360) at 1/20,000 dilution.

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 ddH₂O 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

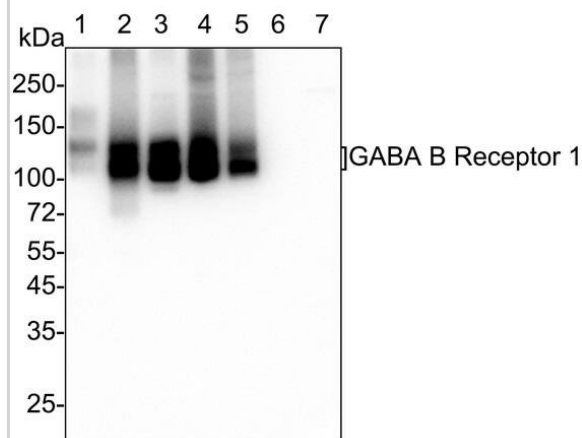
Exposure time:

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% NFDN/TBST for 1 hour at room temperature. The primary antibody at 1/2,000 dilution was used in 5% NFDN/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

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

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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