

Product Datasheet

GABA-AR alpha 3 Antibody - BSA Free NBP1-87499

Unit Size: 0.1 ml

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

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Publications: 2

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Updated 12/2/2025 v.20.1

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NBP1-87499

GABA-AR alpha 3 Antibody - BSA Free

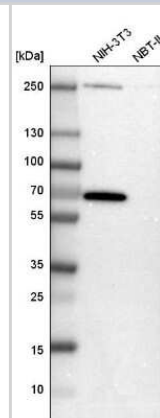
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	55 kDa

Product Description	
Description	Novus Biologicals Rabbit GABA-AR alpha 3 Antibody - BSA Free (NBP1-87499) is a polyclonal antibody validated for use in IHC and WB. Anti-GABA-AR alpha 3 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2556
Gene Symbol	GABRA3
Species	Human, Mouse
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TSHCYMTSLGILFLINILPGTTGQGESRRQEPGDFVKQDIGGLSPKHAPDIPDDS TDNITIFTRILDRLLDGYDNRLRPGLGDAVTEVKTDIYVTSFGPVSDTDMEYTIDV FFRQTWHE

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

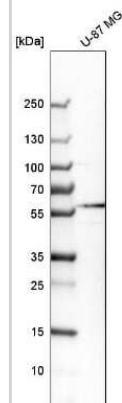
Western Blot: GABA-AR alpha 3 Antibody [NBP1-87499] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



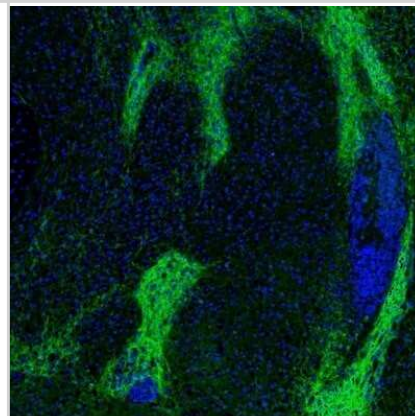
Immunohistochemistry-Paraffin: GABA-AR alpha 3 Antibody [NBP1-87499] - Staining of human lymph node shows no positivity in non-germinal center cells as expected.



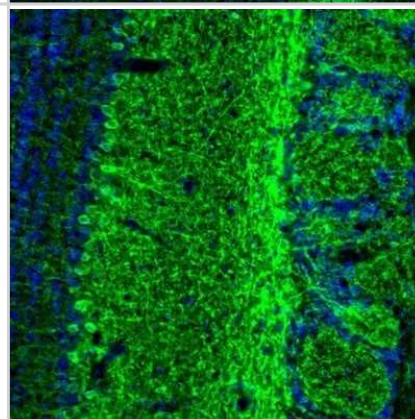
Western Blot: GABA-AR alpha 3 Antibody [NBP1-87499] - Analysis in human cell line U-87 MG.



Immunohistochemistry: GABA-AR alpha 3 Antibody [NBP1-87499] - Staining of mouse ventral pallidum shows strong labeling of synaptic fields.



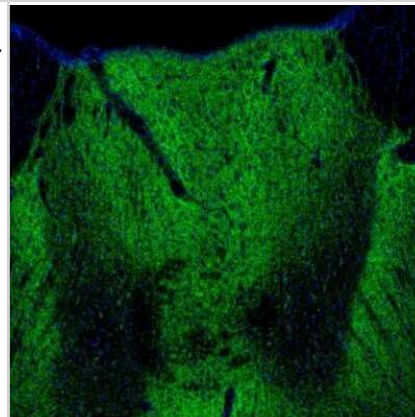
Immunohistochemistry: GABA-AR alpha 3 Antibody [NBP1-87499] - Staining of mouse olfactory bulb shows labelling of both neurons and synapses.



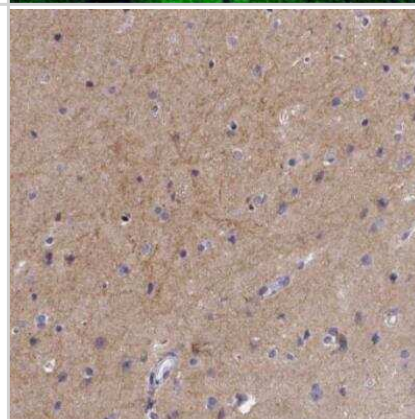
Immunohistochemistry: GABA-AR alpha 3 Antibody [NBP1-87499] - Staining of mouse insular cortex shows strong immunoreactivity in synapses.



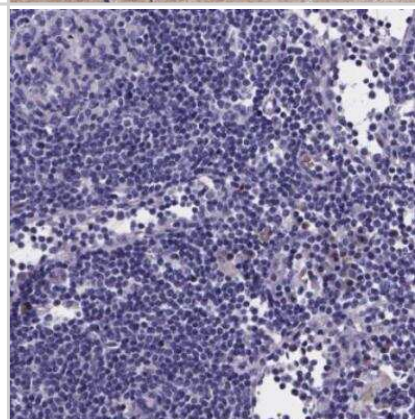
Immunohistochemistry: GABA-AR alpha 3 Antibody [NBP1-87499] - Staining of mouse thalamus shows strong positivity in the paraventricular thalamic nucleus.



Immunohistochemistry-Paraffin: GABA-AR alpha 3 Antibody [NBP1-87499] - Staining of human cerebral cortex shows moderate positivity in neuronal processes in neuropil.



Immunohistochemistry-Paraffin: GABA-AR alpha 3 Antibody [NBP1-87499] - Staining of human lymph node shows no positivity in non-germinal center cells as expected.



Publications

Neman J, Termini J et al. Human breast cancer metastases to the brain display GABAergic properties in the neural niche. Proc Natl Acad Sci U S A 2014-01-21 [PMID: 24395782] (IF/IHC, Human)

Mulder J, Bjorling E, Jonasson K et al. Tissue Profiling of the Mammalian Central Nervous System Using Human Antibody-based Proteomics. Mol Cell Proteomics 2009-07-01 [PMID: 19351664]



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Products Related to NBP1-87499

NBP1-87499PEP	GABA-AR alpha 3 Recombinant Protein Antigen
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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