

Product Datasheet

GABA-AR alpha 5 Antibody (JB34-19) NBP2-75497

Unit Size: 100 ul

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

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Publications: 1

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NBP2-75497**GABA-AR alpha 5 Antibody (JB34-19)**

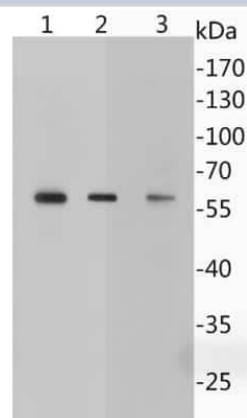
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JB34-19
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	52 kDa

Product Description	
Description	Novus Biologicals Rabbit GABA-AR alpha 5 Antibody (JB34-19) (NBP2-75497) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-GABA-AR alpha 5 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2558
Gene Symbol	GABRA5
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human GABA-AR alpha 5 aa 1-240 / 462. (SwissProt: P31644 Human; SwissProt: Q8BHJ7 Mouse; SwissProt: P19969 Rat)

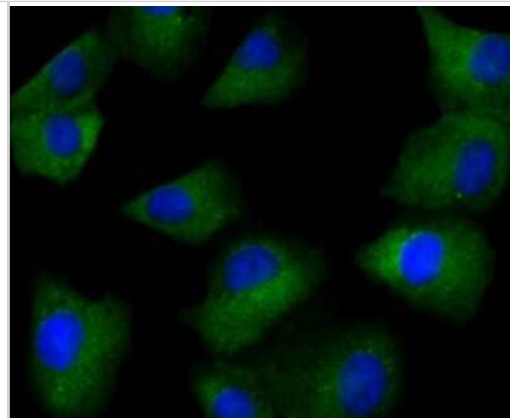
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

Images

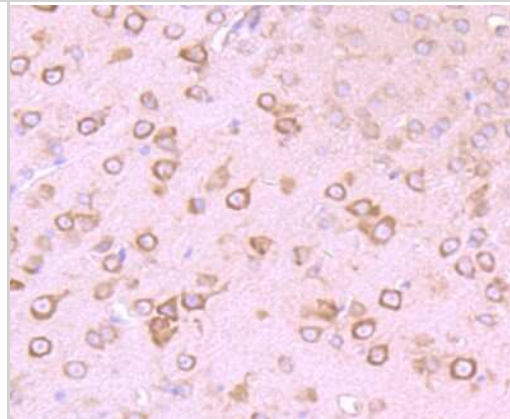
Western Blot: GABA-AR alpha 5 Antibody (JB34-19) [NBP2-75497] - Analysis of GABA A Receptor alpha 5 on different lysates using anti-GABA A Receptor alpha 5 antibody at 1/1,000 dilution. Positive control: Lane 1: A549 cell lysate Lane 2: 293T cell lysate Lane 3: Rat brain tissue lysate



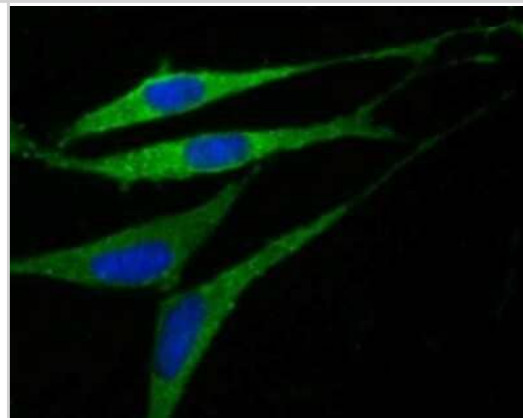
Immunocytochemistry/Immunofluorescence: GABA-AR alpha 5 Antibody (JB34-19) [NBP2-75497] - Staining GABA A Receptor alpha 5 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



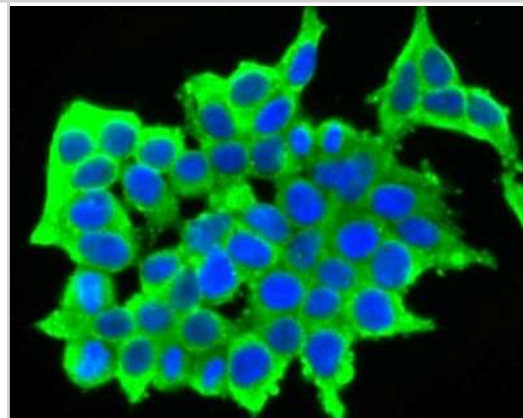
Immunohistochemistry-Paraffin: GABA-AR alpha 5 Antibody (JB34-19) [NBP2-75497] - Analysis of paraffin-embedded mouse brain tissue using anti-GABA A Receptor alpha 5 antibody. Counter stained with hematoxylin.



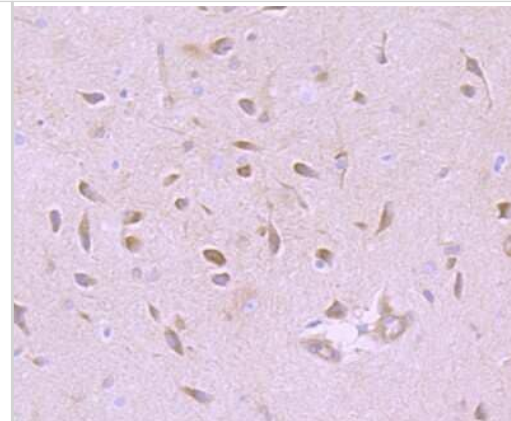
Immunocytochemistry/Immunofluorescence: GABA-AR alpha 5 Antibody (JB34-19) [NBP2-75497] - Staining GABA A Receptor alpha 5 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: GABA-AR alpha 5 Antibody (JB34-19) [NBP2-75497] - Staining GABA A Receptor alpha 5 in 293T cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: GABA-AR alpha 5 Antibody (JB34-19) [NBP2-75497] - Analysis of paraffin-embedded rat brain tissue using anti-GABA A Receptor alpha 5 antibody. Counter stained with hematoxylin.



Publications

Cai X, Qiu L, Wang C et al. Hippocampal Inhibitory Synapses Deficits Induced by alpha 5-containing GABAA Receptors Mediates Chronic Neuropathic Pain-related Cognitive Impairment Mol Neurobiol 2022-07-18 [PMID: 35849280]



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Products Related to NBP2-75497

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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