

Product Datasheet

GABA Antibody - BSA Free

NBP2-43558

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-43558

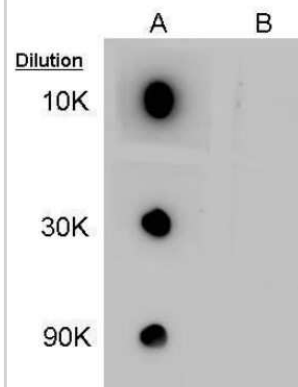
GABA Antibody - BSA Free

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	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Product Description	
Host	Rabbit
Species	All Species
Reactivity Notes	Species independent
Immunogen	The immunogen used to generate this antibody corresponds to GABA
Product Application Details	
Applications	Dot Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry Whole-Mount
Recommended Dilutions	Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Frozen 1:100-1:1000, Dot Blot Assay dependent, Immunohistochemistry Whole-Mount Assay dependent

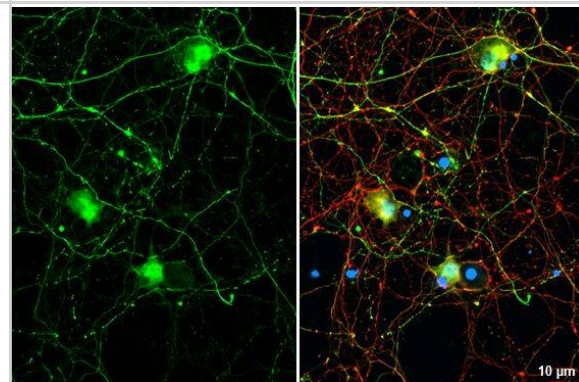


Images

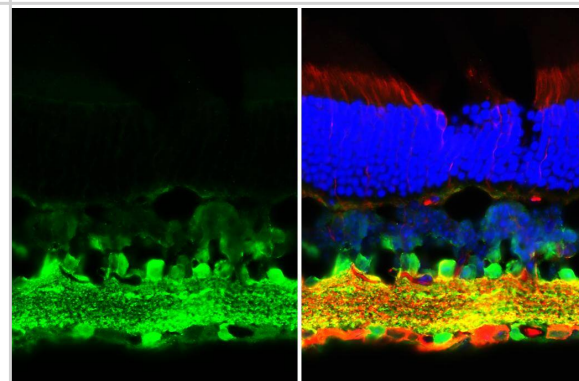
Dot Blot: GABA Antibody [NBP2-43558] - Analysis of 100ng of GABA-conjugated BSA, using GABA Antibody at 1:10000, 1:30000, and 1:90000. A: GABA-conjugated BSA. B: Normal BSA.



Immunocytochemistry/Immunofluorescence: GABA Antibody [NBP2-43558] - DIV9 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: GABA stained by GABA antibody diluted at 1:250. Red: Tau, a axon marker, stained by Tau antibody [287] diluted at 1:500. Blue: Fluoroshield with DAPI.



GABA antibody detects GABA by immunohistochemical analysis. Sample: Frozen-sectioned mouse eye. Green: GABA stained by GABA antibody (NBP2-43558) diluted at 1:250. Red: beta Tubulin 3/ Tuj1 antibody [GT11710] diluted at 1:500. Blue: Fluoroshield with DAPI .



Publications

He X, Chen J, Zhong Y et al. Forebrain neural progenitors effectively integrate into host brain circuits and improve neural function after ischemic stroke. *Nature Communications* 2025-06-03 [PMID: 40461535]

Zhang H, He X, Chen J et al. Forebrain neural progenitors effectively integrate into host brain circuits and improve neural function after ischemic stroke *Research Square* 2023-09-19 (IHC, Rat)

Details:

Dilution 1:500

Sierra-Delgado JA, Sinha-Ray S, Kaleem A et al. In Vitro Modeling as a Tool for Testing Therapeutics for Spinal Muscular Atrophy and IGHMBP2-Related Disorders *Biology* 2023-06-16 [PMID: 37372153] (Immunocytochemistry/Immunofluorescence, Human)

Hidayati H, Qurnianingsih E, . W et al. Wet cupping therapy increases the time withdrawal latency (TWL) and decreases GABA-A receptor expression in the spinal cord in a rat model of neuropathic pain *Anaesthesia, Pain & Intensive Care* 2023-01-31 (IHC, Rat)

Wang Z, Duan H, Hao F et al. Circuit reconstruction of newborn neurons after spinal cord injury in adult rats via an NT3-chitosan scaffold *Progress in neurobiology* 2022-11-21 [PMID: 36410665]





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Products Related to NBP2-43558

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-24553	GABA Assay Kit (Colorimetric)

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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