

Product Datasheet

GABA Transporter 2 Antibody NB100-1872

Unit Size: 0.2 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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NB100-1872

GABA Transporter 2 Antibody

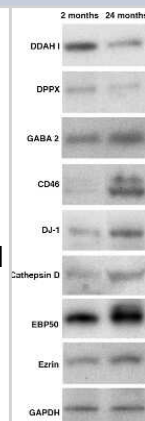
Product Information	
Unit Size	0.2 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Lyophilized powder, reconstituted in distilled water.
Isotype	IgG
Purity	Unpurified
Buffer	Antiserum

Product Description	
Description	Novus Biologicals Rabbit GABA Transporter 2 Antibody (NB100-1872) is a polyclonal antibody validated for use in WB, ELISA and Flow. Anti-GABA Transporter 2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6540
Gene Symbol	SLC6A13
Species	Human, Mouse, Rat
Reactivity Notes	Cross-reacts with Human, Mouse, Rat and Chicken (see review). Not yet tested in other species.
Specificity/Sensitivity	Reacts specifically with protein derived from CNS samples.
Immunogen	A 15 residue C-terminal domain synthetic peptide (Rat).

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry
Recommended Dilutions	Western Blot 1/200-1/5000, Flow Cytometry, ELISA

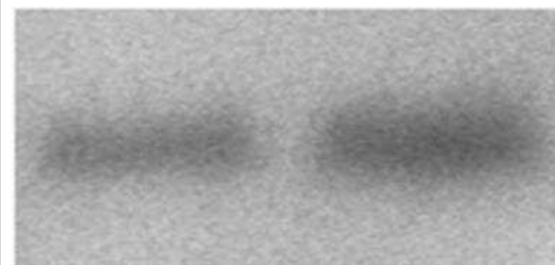
Images

Western Blot: GABA Transporter 2 Antibody [NB100-1872] - Levels of identified proteins in RPE lysates. Both young (2 months) and old (24 months) RPE cells were harvested, lysed. 20 ug of protein of each sample was separated on a 4-20% SDS gel, transferred to PVDF membranes and probed with antibodies specified followed by ECF detection of immunoreactivity. Decreased content of DDAH I and DPPX were observed in old RPE lysates. Contrary, increased content of GABA2, CD46, DJ-1, cathepsin D, EBP50 and ezrin were detected in old RPE lysates. Image collected and cropped by CiteAb from the following publication ([//dx.plos.org/10.1371/journal.pone.0038673](https://dx.plos.org/10.1371/journal.pone.0038673)) licensed under a CC-BY license.

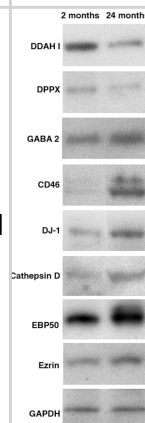


Western Blot: GABA Transporter 2 Antibody [NB100-1872] - Analysis of GABA 2 levels in 20 ug of young and old RPE cell lysates. [PMID: 22701690]

2 months 24 months



Levels of identified proteins in RPE lysates. Both young (2 months) and old (24 months) RPE cells were harvested, lysed. 20 µg of protein of each sample was separated on a 4–20% SDS gel, transferred to PVDF membranes and probed with antibodies specified followed by ECF detection of immunoreactivity. Decreased content of DDAH I and DPPX were observed in old RPE lysates. Contrary, increased content of GABA2, CD46, DJ-1, cathepsin D, EBP50 and ezrin were detected in old RPE lysates.



Publications

Lee M, McGeer EG, McGeer PL. Mechanisms of GABA release from human astrocytes. *Glia* 2011-11-01 [PMID: 21748804] (WB, Human)

Gu X, Neric NJ, Crabb JS et al. Age-Related Changes in the Retinal Pigment Epithelium (RPE) *PLoS One* 2012-01-01 [PMID: 22701690] (WB, Rat)



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Products Related to NB100-1872

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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