

Product Datasheet

GABA-AR alpha 2 Antibody - Azide Free NBP2-36560

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 2

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Updated 2/23/2025 v.20.1

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NBP2-36560

GABA-AR alpha 2 Antibody - Azide Free

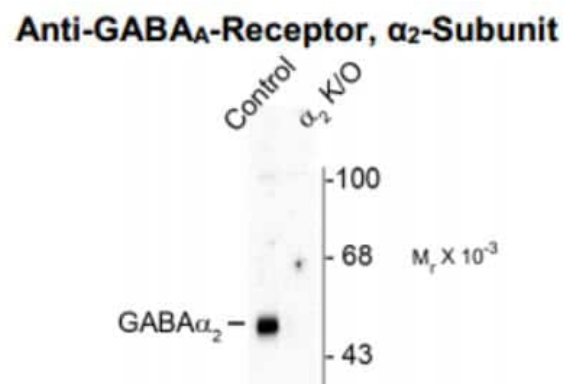
| Product Information | |
|-------------------------|---|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | No Preservative |
| Isotype | IgG |
| Purity | Antigen Affinity-purified |
| Buffer | 10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol |
| Target Molecular Weight | 51 kDa |

| Product Description | |
|-------------------------|---|
| Host | Rabbit |
| Gene ID | 2555 |
| Gene Symbol | GABRA2 |
| Species | Mouse |
| Specificity/Sensitivity | Specific for endogenous levels of the ~51 kDa alpha 2-subunit of the GABAA receptor in Western blots. Labeling is absent in alpha 2-subunit knockout animals. |
| Immunogen | Fusion protein from the cytoplasmic loop of the alpha 2 subunit. Accession # P23576 |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockout Validated |
| Recommended Dilutions | Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:1000, Knockout Validated |
| Application Notes | Use in Immunohistochemistry reported in scientific literature (PMID 28352479). |

Images

Western Blot: GABA-A R alpha 2 Antibody [NBP2-36560] - Western blot of mouse brain lysates from wild type (Control) and alpha2-knockout (alpha2-K/O) animals showing specific immunolabeling of the ~51k alpha2-subunit of the GABAA-R. The labeling was absent from a lysate prepared from alpha2-knockout animals.



Publications

Perna A, Marathe S, Dreos R Et Al. Revealing NOTCH-dependencies in synaptic targets associated with Alzheimer's disease Molecular and cellular neurosciences 2021-07-24 [PMID: 34314836] (IF/IHC)

Lu CY, Liu D, Jiang H et al. Effects of traumatic stress induced in the juvenile period on the expression of Gamma-aminobutyric acid receptor type A subunits in adult rat brain. Hindawi Neural Plasticity. 2017-03-02 [PMID: 28352479] (IF/IHC, WB, Rat)





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Products Related to NBP2-36560

| | |
|------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| DBD00 | BDNF [HRP] |

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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