

For Research Use Only

GABRA4 Recombinant antibody

Catalog Number: 83030-4-RR



Basic Information

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| Catalog Number: 83030-4-RR | GenBank Accession Number: BC035055 | Purification Method: Protein A purification |
| Size: 1000 µg/ml | GeneID (NCBI): 2557 | CloneNo.: 230302A4 |
| Source: Rabbit | UNIPROT ID: P48169 | |
| Isotype: IgG | Full Name: gamma-aminobutyric acid (GABA) A receptor, alpha 4 | |
| Immunogen Catalog Number: AG3600 | Calculated MW: 554 aa, 62 kDa | |
| | Observed MW: 62-70 kDa | |

Applications

Tested Applications:
FC, ELISA

Species Specificity:
Human

Background Information

Gamma-aminobutyric acid (GABA) is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. GABRA4, encoding the extrasynaptically located α 4 - subunit of the GABAA receptor, is involved in the etiology of autism. (PMID: 32028044, 32033586)

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

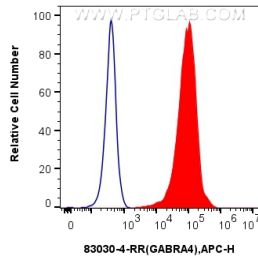
T: 4006900926

E: Proteintech-CN@ptglab.com

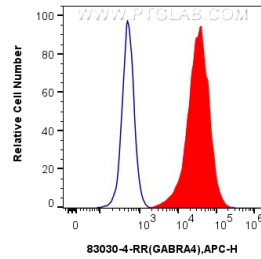
W: ptgcn.com

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Selected Validation Data



1×10^6 SH-SY5Y cells were intracellularly stained with 0.25 μ g Anti-Human GABRA4 (83030-4-RR, Clone:230302A4) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μ g Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1×10^6 PC-3 cells were intracellularly stained with 0.25 μ g Anti-Human GABRA4 (83030-4-RR, Clone:230302A4) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μ g Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).