

For Research Use Only

GABRA4 Recombinant antibody

Catalog Number: 83030-4-RR



Basic Information

Catalog Number: 83030-4-RR	GenBank Accession Number: BC035055	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	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 $\alpha 4$ -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

*** 20ul sizes contain 0.1% BSA

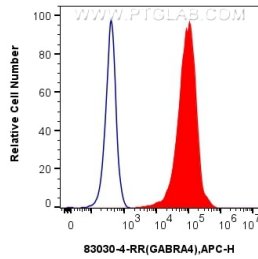
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

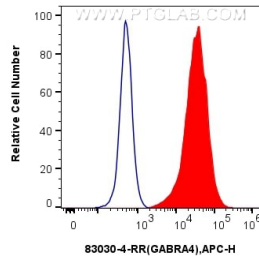
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1x10⁶ SH-SY5Y cells were intracellularly stained with 0.25 ug Anti-Human GABRA4 (83030-4-RR, Clone:230302A4) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1x10⁶ PC-3 cells were intracellularly stained with 0.25 ug Anti-Human GABRA4 (83030-4-RR, Clone:230302A4) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).