

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:	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:  
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

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

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