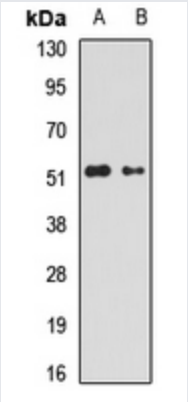
GABRA5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GABRA5, Polyclonal Antibody
Full Product Name	Anti-GABRA5 Antibody
Product Gene Name	anti-GABRA5 antibody
Product Synonym Names	Gamma-aminobutyric acid receptor subunit alpha-5; GABA(A) receptor subunit alpha-5
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	Purified by immunogen affinity chromatography
Specificity	Recognizes endogenous levels of GABRA5 protein.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	52,146 Da
OMIM	L08485 mRNA
3D Structure	ModBase 3D Structure for P31644
Immunogen	Recombinant full length protein of human GABRA5
Applications Tested/Suitable for anti-GABRA5 antibody	Western Blot (WB)
Application Notes for anti-GABRA5 antibody	WB: 1/500 - 1/2000
Related Product Information for anti-GABRA5 antibody	MBS8292774 is an antibody targeting GABRA5. Reactive in Human, Mouse, Rat. Host: Rabbit. Rabbit polyclonal antibody to GABRA5
Other Notes	Small volumes of anti-GABRA5 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-GABRA5 antibody
Western blot analysis of GABRA5 expression in mouse brain (A), rat brain (B) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GABRA5. It may not necessarily be applicable to this product.

NCBI GI #	4503861
NCBI GeneID	2558
NCBI Accession #	NP_000801.1
UniProt Primary Accession #	P31644
UniProt Secondary Accession #	Q14DC2; Q53XL6; Q9NYT3; Q9NYT4; Q9NYT5; A8K338
UniProt Related Accession #	P31644
GenBank Nucleotide #	NM_000810.3
NCBI Official Full Name	gamma-aminobutyric acid receptor subunit alpha-5
NCBI Official Synonym Full Names	gamma-aminobutyric acid type A receptor alpha5 subunit
NCBI Official Symbol	GABRA5
UniProt Protein Name	Gamma-aminobutyric acid receptor subunit alpha-5
UniProt Synonym Protein Names	GABA(A) receptor subunit alpha-5
Protein Family	Gamma-aminobutyric acid receptor
UniProt Gene Name	GABRA5
NCBI Protein Information	gamma-aminobutyric acid receptor subunit alpha-5
NCBI Summary for GABRA5	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. At least 16 distinct subunits of GABA-A receptors have been identified. Transcript variants utilizing three different alternative non-coding first exons have been described. [provided by RefSeq, Jul 2008]
UniProt Comments for GABRA5	GABA, the major inhibitory neurotransmitter in the vertebrate brain, mediates neuronal inhibition by binding to the GABA/benzodiazepine receptor and opening an integral chloride channel.
Research Articles on GABRA5	**1.** Report benzodiazepine derivative as GABA-site inhibitor of extra-synaptic GABAA alpha5 receptors.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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