GABRA5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GABRA5, Polyclonal Antibody
Full Product Name	Rabbit Anti Mouse GABRA5 Polyclonal Affinity Purified (PBS with 0.02% sodium azide, 50% glycerol, pH7.3)(Western Blot)
Product Gene Name	anti-GABRA5 antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse, Rat
Form/Format	It is a polyclonal antibody in a liquid format, buffered in PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	Detects ~55kDa.
3D Structure	ModBase 3D Structure for P31644
Immunogen	Recombinant fusion protein of human GABRA5 (NP_000801.1).
Applications Tested/Suitable for anti-GABRA5 antibody	Western Blot (WB)
Related Product Information for anti-GABRA5 antibody	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. This product can be used in analytical tools such as Western Blot.
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.
Searchable Terms for GABRA5 purchase	MBS8423819 is an antibody targeting GABRA5. Also known as Rabbit Anti Mouse GABRA5 Polyclonal Affinity Purified (PBS with 0.02% sodium azide, 50% glycerol, pH7.3)(Western Blot). Reactive in Mouse, Rat. Host: Rabbit.

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; AAB22608
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
Protein Family	Gamma-aminobutyric acid receptor
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]
Research Articles on GABRA5	**1.** Findings provide genetic evidence for the involvement of the genes GABRB3 and GABRA5 in the susceptibility to panic disorder
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