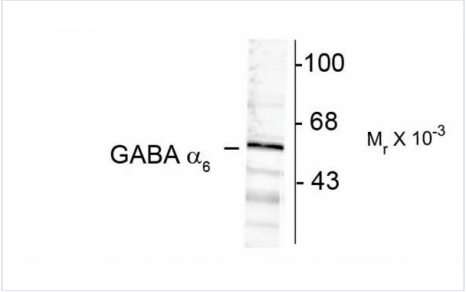
GABRA6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GABRA6, Polyclonal Antibody
Full Product Name	GABRA6 antibody
Product Gene Name	anti-GABRA6 antibody
Product Synonym Names	Rabbit polyclonal GABRA6 antibody; Polyclonal GABRA6 antibody; Anti-GABRA6 antibody; GABRA 6 antibody; GABRA-6 antibody; GABRA6; Gamma aminobutyric acid (GABA) A receptor alpha 6 antibody
Clonality	Polyclonal
Host	Rabbit
Form/Format	Neat Serum
Molecular Weight	51,024 Da
OMIM	137143
3D Structure	ModBase 3D Structure for Q16445
Product Categories/Family for anti-GABRA6 antibody	Neuroscience
Applications Tested/Suitable for anti-GABRA6 antibody	Western Blot (WB)
Application Notes for anti-GABRA6 antibody	WB: 1:1000
Related Product Information for anti-GABRA6 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.
Other Notes	Small volumes of anti-GABRA6 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 GABRA6 purchase	MBS5310020 is an antibody targeting GABRA6. Also known as GABRA6 antibody. Host: Rabbit.



Testing Data of anti-GABRA6 antibody
Western blot of rat cortex lysate showing immunolabeling of ~57k alpha6-subunit of the GABAA receptor

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GABRA6. It may not necessarily be applicable to this product.

NCBI GI #	157389018
NCBI GeneID	2559
NCBI Accession #	NP_000802.2
UniProt Primary Accession #	Q16445
UniProt Secondary Accession #	Q4VAV2; A8K096
UniProt Related Accession #	Q16445
GenBank Nucleotide #	NM_000811.2
NCBI Official Full Name	gamma-aminobutyric acid receptor subunit alpha-6
NCBI Official Synonym Full Names	gamma-aminobutyric acid type A receptor alpha6 subunit
NCBI Official Symbol	GABRA6
UniProt Protein Name	Gamma-aminobutyric acid receptor subunit alpha-6
UniProt Synonym Protein Names	GABA(A) receptor subunit alpha-6
Protein Family	Gamma-aminobutyric acid receptor
UniProt Gene Name	GABRA6
NCBI Protein Information	gamma-aminobutyric acid receptor subunit alpha-6
UniProt Comments for GABRA6	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 GABRA6	**1.** TMEM132D, COMT and GABRA6 gene polymorphisms may influence susceptibility to panic disorder(PD) and major depressive disorder(MDD)in Japanese adults; these variants may increase vulnerability to PD by modulating oligodendrocytes and GABA and dopaminergic functions in related brain regions, altering neuronal processing of anxiety-related emotional signals
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