10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GABRA6 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP12781b

Specification

GABRA6 Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q16445

GABRA6 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 2559

Other Names
Gamma-aminobutyric acid receptor subunit alpha-6, GABA(A) receptor subunit alpha-6, GABRA6

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GABRA6 Antibody (C-term) Blocking peptide - Protein Information

Name GABRA6

Function
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.

Cellular Location
Postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein

GABRA6 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

GABRA6 Antibody (C-term) Blocking peptide - Images

GABRA6 Antibody (C-term) Blocking peptide - Background

GABA is the major inhibitory neurotransmitter in themammalian brain where it acts at GABA-A receptors, which areligand-gated chloride channels. Chloride conductance of thesechannels can be modulated by agents such as benzodiazepines thatbind to the GABA-A receptor. At least 16 distinct subunits ofGABA-A receptors have been identified.

GABRA6 Antibody (C-term) Blocking peptide - References

Green, E.K., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (7), 1347-1349 (2010)
:Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1070-1080 (2010)
:Duncan, C.E., et al. J Psychiatr Res 44(10):673-681(2010)Tabakoff, B., et al. BMC Biol. 7, 70 (2009)
:Pham, X., et al. Depress Anxiety 26(11):998-1003(2009)