



GABRB1 Antibody (C-term) Blocking Peptide

Synthetic peptide Catalog # BP4926b

Specification

GABRB1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P18505

GABRB1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 2560

Other Names

Gamma-aminobutyric acid receptor subunit beta-1, GABA(A) receptor subunit beta-1, GABRB1

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.

GABRB1 Antibody (C-term) Blocking Peptide - Protein Information

Name GABRB1

Function

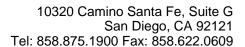
Component of the heteropentameric receptor for GABA, the major inhibitory neurotransmitter in the vertebrate brain. Functions also as histamine receptor and mediates cellular responses to histamine. Functions as receptor for diazepines and various anesthetics, such as pentobarbital; these are bound at a separate allosteric effector binding site. Functions as

GABRB1 Antibody (C-term) Blocking Peptide - Background

The gamma-aminobutyric acid (GABA) A receptor is a multisubunit chloride channel that mediates the fastest inhibitory synaptic transmission in the central nervous system. This gene encodes GABA A receptor, beta 1 subunit. It is mapped to chromosome 4p12 in a cluster comprised of genes encoding alpha 4, alpha 2 and gamma 1 subunits of the GABA A receptor.

GABRB1 Antibody (C-term) Blocking Peptide - References

Craddock, N., et al. Mol. Psychiatry 15(2):146-153(2010)Hamshere, M.L., et al. Br J Psychiatry 195(1):23-29(2009)Tabakoff, B., et al. BMC Biol. 7, 70 (2009)





ligand-gated chloride channel.

Cellular Location

Cell junction, synapse, postsynaptic cell membrane {ECO:0000250|UniProtKB:P50571}; Multi-pass membrane protein {ECO:0000250|UniProtKB:P50571}. Cell membrane; Multi-pass membrane protein {ECO:0000250|UniProtKB:P50571}

GABRB1 Antibody (C-term) Blocking Peptide - Protocols

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

• Blocking Peptides