

GABRB1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP4926b**Specification**

GABRB1 Antibody (C-term) Blocking Peptide - Product InformationPrimary 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 a receptor for diazepam and various anesthetics, such as pentobarbital; these are bound at a separate allosteric effector binding site. Functions as a ligand-gated chloride channel.

Cellular Location

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](#)

GABRB1 Antibody (C-term) Blocking Peptide - Images**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)Hamshire, M.L., et al. Br J Psychiatry 195(1):23-29(2009)Tabakoff, B., et al. BMC Biol. 7, 70 (2009)