

**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 diazepam 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)Hamshire, 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](#)