

GABRE Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17100a**Specification**

GABRE Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [P78334](#)

GABRE Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 2564

Other Names

Gamma-aminobutyric acid receptor subunit epsilon, GABA(A) receptor subunit epsilon, GABRE

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.

GABRE Antibody (N-term) Blocking Peptide - Protein Information

Name GABRE

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

Tissue Location

Expressed in many tissues. Highest levels of expression in adult heart and placenta

GABRE Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GABRE Antibody (N-term) Blocking Peptide - Images

GABRE Antibody (N-term) Blocking Peptide - Background

The product of this gene belongs to the ligand-gated ionic channel (TC 1.A.9) family. It encodes the gamma-aminobutyric acid (GABA) A receptor which is a multisubunit chloride channel that mediates the fastest inhibitory synaptic transmission in the central nervous system. This gene encodes an epsilon subunit. It is mapped to chromosome Xq28 in a cluster comprised of genes encoding alpha 3, beta 4 and theta subunits of the same receptor. Alternatively spliced transcript variants have been identified, but only one is thought to encode a protein.

GABRE Antibody (N-term) Blocking Peptide - References

Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1070-1080 (2010)
:Craddock, N., et al. Mol. Psychiatry 15(2):146-153(2010) Gratacos, M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (6), 808-816 (2009) :Tabakoff, B., et al. BMC Biol. 7, 70 (2009)
:Fernandez, F., et al. BMC Med. Genet. 9, 109 (2008) :