

GABRE Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17100a

Specification

GABRE Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P78334
Other Accession	NP_004952.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	57972
Antigen Region	66-94

GABRE Antibody (N-term) - Additional Information

Gene ID 2564

Other Names

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

Target/Specificity

This GABRE antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 66-94 amino acids from the N-terminal region of human GABRE.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GABRE Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

GABRE Antibody (N-term) - 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

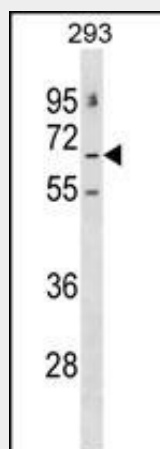
Expressed in many tissues. Highest levels of expression in adult heart and placenta

GABRE Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GABRE Antibody (N-term) - Images



GABRE Antibody (N-term) (Cat. #AP17100a) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the GABRE antibody detected the GABRE protein (arrow).

GABRE Antibody (N-term) - 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) - 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) :