

GBRR3 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12407a

Specification

GBRR3 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	A8MPY1
Other Accession	NP_001099050.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	54272
Antigen Region	35-63

GBRR3 Antibody (N-term) - Additional Information

Gene ID 200959

Other Names

Gamma-aminobutyric acid receptor subunit rho-3, GABA(A) receptor subunit rho-3, GABA(C) receptor, GABRR3

Target/Specificity

This GBRR3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 35-63 amino acids from the N-terminal region of human GBRR3.

Dilution

WB~~1:1000
E~~Use at an assay dependent concentration.

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

GBRR3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

GBRR3 Antibody (N-term) - Protein Information

Name GABRR3 ([HGNC:17969](#))

Function Rho subunit of the pentameric ligand-gated chloride channels responsible for mediating the effects of gamma-aminobutyric acid (GABA), the major inhibitory neurotransmitter in the brain (By similarity). Rho-containing GABA-gated chloride channels are a subclass of GABA(A) receptors (GABAARs) entirely composed of rho subunits, where GABA molecules bind at the rho intersubunit interfaces (By similarity). When activated by GABA, rho-GABAARs selectively allow the flow of chloride anions across the cell membrane down their electrochemical gradient (By similarity).

Cellular Location

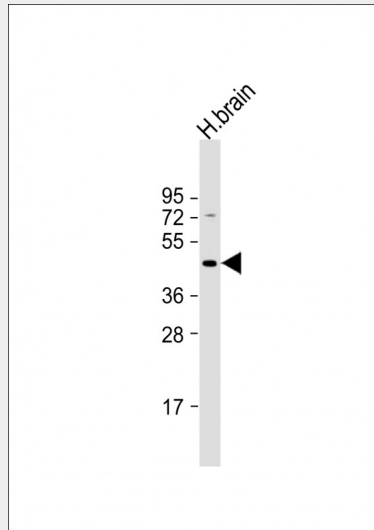
Postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein

GBRR3 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](#)

GBRR3 Antibody (N-term) - Images



Anti-GBRR3 Antibody (N-term) at 1:1000 dilution + human brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 54 kDa Blocking/Dilution buffer: 5% NFD/MBST.

GBRR3 Antibody (N-term) - Background

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 (By similarity).

GBRR3 Antibody (N-term) - References

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) :
Muzny, D.M., et al. Nature 440(7088):1194-1198(2006)
Alakuijala, A., et al. Brain Res. Dev. Brain Res. 154(1):15-23(2005)
Crocì, C., et al. J. Biol. Chem. 278(8):6128-6135(2003)