

**GABRR2 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP18624a**

**Specification**

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**GABRR2 Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P28476</a>
Other Accession	<a href="#">NP_002034.2</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	54151
Antigen Region	37-65

**GABRR2 Antibody (N-term) - Additional Information**

**Gene ID** 2570

**Other Names**

Gamma-aminobutyric acid receptor subunit rho-2, GABA(A) receptor subunit rho-2, GABA(C) receptor, GABRR2

**Target/Specificity**

This GABRR2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 37-65 amino acids from the N-terminal region of human GABRR2.

**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**

GABRR2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**GABRR2 Antibody (N-term) - Protein Information**

**Name** GABRR2

**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. Rho-2 GABA receptor could play a role in retinal neurotransmission.

#### **Cellular Location**

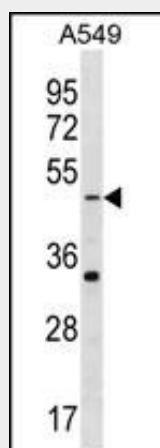
Postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein

#### **GABRR2 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](#)

#### **GABRR2 Antibody (N-term) - Images**



GABRR2 Antibody (N-term) (Cat. #AP18624a) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the GABRR2 antibody detected the GABRR2 protein (arrow).

#### **GABRR2 Antibody (N-term) - Background**

GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA receptors, which are ligand-gated chloride channels. The protein encoded by this gene is a member of the rho subunit family and is a component of the GABA receptor complex.

#### **GABRR2 Antibody (N-term) - References**

Green, E.K., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (7), 1347-1349 (2010) :  
Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1070-1080 (2010) :  
Xuei, X., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (2), 418-427 (2010) :  
Pattaro, C., et al. BMC Med. Genet. 11, 41 (2010) :  
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