

**GABRQ Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20373b**

**Specification**

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**GABRQ Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9UN88</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	585-613

**GABRQ Antibody (C-term) - Additional Information**

**Gene ID** 55879

**Other Names**

Gamma-aminobutyric acid receptor subunit theta, GABA(A) receptor subunit theta, GABRQ

**Target/Specificity**

This GABRQ antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 585-613 amino acids of human GABRQ.

**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**

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

**GABRQ Antibody (C-term) - Protein Information**

**Name** GABRQ ([HGNC:14454](#))

**Function** Theta subunit of the heteropentameric ligand-gated chloride channel gated by gamma-aminobutyric acid (GABA), a major inhibitory neurotransmitter in the brain (PubMed:[10449790](#), PubMed:[16412217](#)). GABA- gated chloride channels, also named GABA(A)

receptors (GABAAR), consist of five subunits arranged around a central pore and contain GABA active binding site(s) located at the alpha and beta subunit interfaces (By similarity). When activated by GABA, GABAARs selectively allow the flow of chloride anions across the cell membrane down their electrochemical gradient (PubMed:[10449790](#), PubMed:[16412217](#)).

#### Cellular Location

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

#### Tissue Location

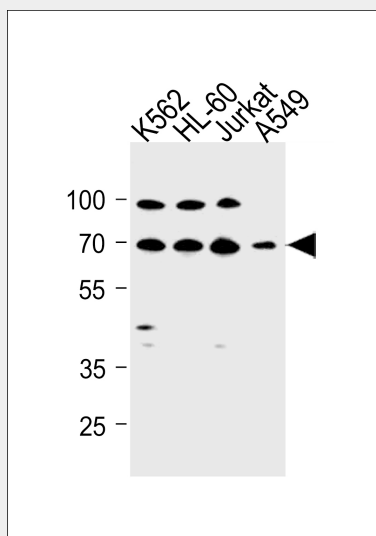
Expressed in brain.

### GABRQ Antibody (C-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](#)

### GABRQ Antibody (C-term) - Images



GABRQ Antibody (C-term) (Cat.# AP20373b) western blot analysis in K562,HL-60,Jurkat,A549 cell line lysates (35ug/lane).This demonstrates the GABRQ antibody detected the GABRQ protein (arrow).

### GABRQ Antibody (C-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.