

Gabrp antibody - N-terminal region

Rabbit Polyclonal Antibody Catalog # AI10807

Product Information

Application WB
Primary Accession Q8QZW7

Other Accession <u>NM 146017, NP 666129</u>

Reactivity Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine

Predicted Human, Rabbit, Chicken, Dog, Horse

Host Rabbit
Clonality Polyclonal
Calculated MW 50436

Additional Information

Gene ID 216643

Alias Symbol MGC38123

Other Names Gamma-aminobutyric acid receptor subunit pi, GABA(A) receptor subunit pi,

Gabrp

Format Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium

azide and 2% sucrose.

Reconstitution & Storage Add 50 ul of distilled water. Final anti-Gabrp antibody concentration is 1

mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at

20°C. Avoid repeat freeze-thaw cycles.

Precautions Gabrp antibody - N-terminal region is for research use only and not for use in

diagnostic or therapeutic procedures.

Protein Information

Name Gabrp {ECO:0000312 | MGI:MGI:2387597}

Function Pi subunit of the heteropentameric ligand-gated chloride channel gated by

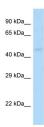
gamma-aminobutyric acid (GABA) (By similarity). GABA- gated chloride channels, also named GABA(A) receptors (GABAAR), consist of five subunits arranged around a central pore and contain GABA active binding site(s) located at the alpha and beta subunit interfaces (By similarity). When activated by GABA, GABAARs selectively allow the flow of chloride anions across the cell membrane down their electrochemical gradient. Pi-containing GABAARs are mostly located in peripheral tissues. In the uterus, pi subunits modulate uterus contraction by altering the sensitivity of GABAARs to pregnanolone (By similarity). In the lungs, pi-containing GABAARs contribute

to pulmonary fluid transport via luminal secretion of chloride (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein. Apical cell membrane {ECO:0000250|UniProtKB:O09028}; Multi-pass membrane protein. Note=Located on the apical plasma membrane of alveolar epithelial type II cells {ECO:0000250|UniProtKB:O09028}

Images



WB Suggested Anti-Gabrp Antibody Titration: 1.0 µg/ml Positive Control: Mouse Kidney

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.