

Gabrp antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10807

Product Information

Application	WB
Primary Accession	Q8QZW7
Other Accession	NM_146017 , NP_666129
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'.