

Gabra3 Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10771

Product Information

Application	WB
Primary Accession	P20236
Other Accession	NM_017069 , NP_058765
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55430

Additional Information

Gene ID	24947
Other Names	Gamma-aminobutyric acid receptor subunit alpha-3, GABA(A) receptor subunit alpha-3, Gabra3, Gabra-3
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-Gabra3 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	Gabra3 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Gabra3 {ECO:0000312 RGD:2648}
Synonyms	Gabra-3
Function	Alpha subunit of the heteropentameric ligand-gated chloride channel gated by gamma-aminobutyric acid (GABA), a major inhibitory neurotransmitter in the brain (PubMed: 2153588). 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 interface(s) (By similarity). When activated by GABA, GABAARs selectively allow the flow of chloride anions across the cell membrane down their electrochemical gradient (By similarity). Chloride influx into the postsynaptic neuron following GABAAR opening decreases the neuron ability

to generate a new action potential, thereby reducing nerve transmission (By similarity).

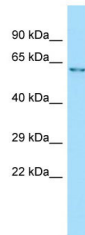
Cellular Location

Postsynaptic cell membrane {ECO:0000250|UniProtKB:P14867}; Multi-pass membrane protein. Cell membrane {ECO:0000250|UniProtKB:P14867}; Multi-pass membrane protein

Tissue Location

Expressed in most brain regions. Expressed in lungs, in alveolar epithelium (PubMed:17003036)

Images



Host: Rabbit
Target Name: Gabra3
Sample Tissue: Rat Kidney lysates
Antibody Dilution: 1.0µg/ml

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