

**Gabra3 Antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI10771****Specification**

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**Gabra3 Antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">P20236</a>
Other Accession	<a href="#">NM_017069</a> , <a href="#">NP_058765</a>
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54kDa KDa

**Gabra3 Antibody - N-terminal region - 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.

**Gabra3 Antibody - N-terminal region - 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:&lt;a href="http://www.uniprot.org/citations/2153588" target="\_blank"&gt;2153588&lt;/a&gt;). 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

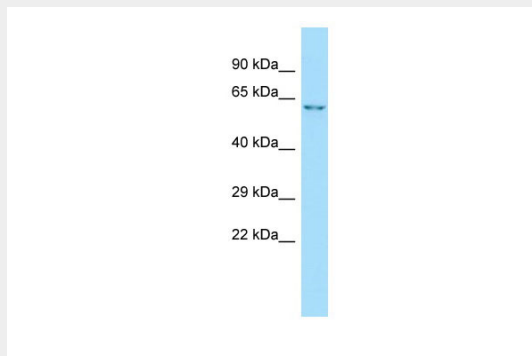
**Tissue Location**

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

**Gabra3 Antibody - N-terminal region - 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](#)

**Gabra3 Antibody - N-terminal region - Images**

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