

GABRE antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI10822**Specification**

GABRE antibody - middle region - Product Information

Application	WB
Primary Accession	P78334
Other Accession	NM_021984 , NP_068819
Reactivity	Human, Mouse, Rat, Rabbit
Predicted	Human, Mouse, Rat, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43kDa KDa

GABRE antibody - middle region - Additional Information**Gene ID** 2564**Other Names**

Gamma-aminobutyric acid receptor subunit epsilon, GABA(A) receptor subunit epsilon, GABRE

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-GABRE 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

GABRE antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

GABRE antibody - middle region - Protein Information**Name** GABRE**Function**

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.

Cellular Location

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

Tissue Location

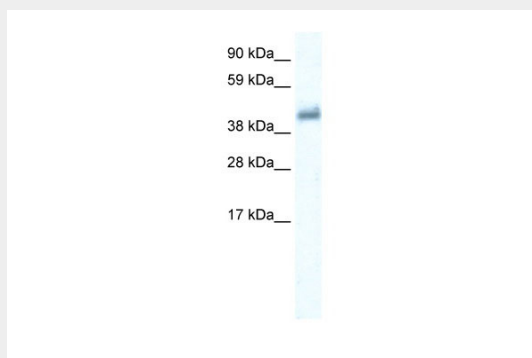
Expressed in many tissues. Highest levels of expression in adult heart and placenta

GABRE antibody - middle 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](#)

GABRE antibody - middle region - Images



WB Suggested Anti-GABRE Antibody Titration: 0.2-1 μ g/ml

ELISA Titer: 1:312500

Positive Control: Human Placenta

GABRE antibody - middle region - References

Sinkkonen, S. T., et al., (2000) J. Neurosci. 20 (10), 3588-3595 Reconstitution and Storage: For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles. Publications: Hengen, K. B., Gomez, T. M., Stang, K. M., Johnson, S. M. & Behan, M. Changes in ventral respiratory column GABA α R ϵ - and δ -subunits during hibernation mediate resistance to depression by EtOH and pentobarbital. Am. J. Physiol. Regul. Integr. Comp. Physiol. 300, R272-83 (2011). WB, IHC, IP, Human, Rat, Rabbit, Mouse, Guinea pig21084677 Hengen, K. B. et al. Increased GABA(A) receptor ϵ -subunit expression on ventral respiratory column neurons protects breathing during pregnancy. PLoS One 7, e30608 (2012). WB, IHC, IP, Human, Rat, Rabbit, Mouse, Guinea pig22303446 Fatemi, S. H., Folsom, T. D., Rooney, R. J. & Thuras, P. D. Expression of GABA α - α 2-, β 1- and ϵ -receptors are altered significantly in the lateral cerebellum of subjects with schizophrenia, major depression and bipolar disorder. Transl. Psychiatry 3, e303 (2013). WB, IHC, IP, Human, Rat, Rabbit, Mouse, Guinea pig24022508