

GABRB1 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS13643**Specification**

GABRB1 Antibody - Product Information

Application	WB, IHC
Primary Accession	P18505
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54kDa KDa

GABRB1 Antibody - Additional Information**Gene ID** 2560**Other Names**

Gamma-aminobutyric acid receptor subunit beta-1, GABA(A) receptor subunit beta-1, GABRB1

Target/Specificity

Human GABA A Receptor beta 1. Predicted cross-reactivity based on amino acid sequence homology: mouse (89%), rat (89%), bovine (89%), zebrafish (90%).

Reconstitution & Storage

Aliquot and store at -20°C. Minimize freezing and thawing.

Precautions

GABRB1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

GABRB1 Antibody - Protein Information**Name** GABRB1**Function**

Component of the heteropentameric receptor for GABA, the major inhibitory neurotransmitter in the vertebrate brain. Functions also as histamine receptor and mediates cellular responses to histamine. Functions as a receptor for diazepam and various anesthetics, such as pentobarbital; these are bound at a separate allosteric effector binding site. Functions as a ligand-gated chloride channel.

Cellular Location

Postsynaptic cell membrane {ECO:0000250|UniProtKB:P50571}; Multi-pass membrane protein {ECO:0000250|UniProtKB:P50571}. Cell membrane; Multi-pass membrane protein {ECO:0000250|UniProtKB:P50571}

Volume

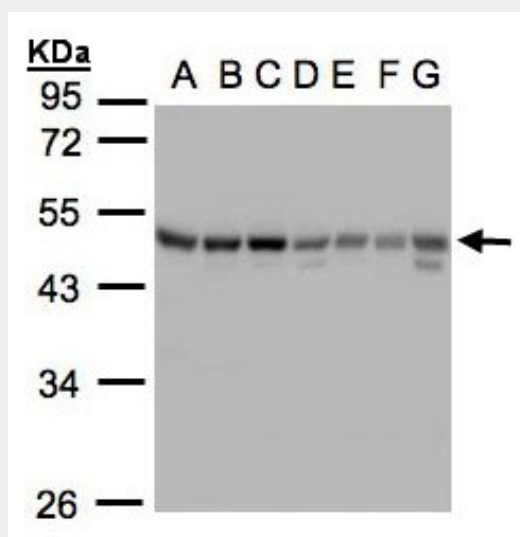
50 µl

GABRB1 Antibody - Protocols

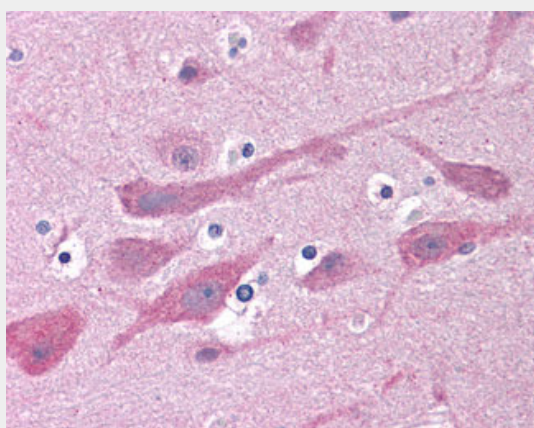
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

GABRB1 Antibody - Images



Sample(30g whole cell lysate).



Anti-GABRB1 antibody IHC of human brain, cortex.

GABRB1 Antibody - Background

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these are bound at a separate allosteric effector binding site. Functions as ligand- gated chloride channel (By similarity).

GABRB1 Antibody - References

Schofield P.R.,et al.FEBS Lett. 244:361-364(1989).
Kirkness E.F.,et al.Genomics 10:985-995(1991).
Corominas R.,et al.Nat. Commun. 5:3650-3650(2014).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).