

GABRB1(Ab-434) Antibody

Catalog No: #21205

Package Size: #21205-1 50ul #21205-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	GABRB1(Ab-434) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total GABRB1 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.432~436 (R-A-S-Q-L) derived from Human GABRB1.
Target Name	GABRB1
Other Names	GABA(A) receptor; GABA(A)R beta-1; GBRB1; GABA-RB;
Accession No.	Swiss-Prot: P18505NCBI Protein: NP_000803.2
Uniprot	P18505
GeneID	2560;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

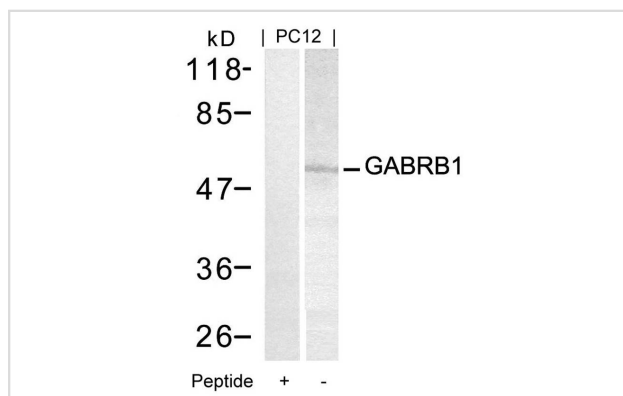
Application Details

Predicted MW: 54kd

Western blotting: 1:500~1:1000

IHC 1:50-1:200

Images



Western blot analysis of extracts from PC12 cells using GABRB1(Ab-434) Antibody #21205 and the same antibody preincubated with blocking peptide.

Background

The gamma-aminobutyric acid (GABA) A receptor is a multisubunit chloride channel that mediates the fastest inhibitory synaptic transmission in the central nervous system. This gene encodes GABA A receptor, beta 1 subunit. It is mapped to chromosome 4p12 in a cluster comprised of genes encoding a 4, a 2 and gamma 1 subunits of the GABA A receptor. Alteration of this gene is implicated in the pathogenetics of schizophrenia.

Collins AL, et al. (2006) Neurogenetics ;7(3):167-174.

Ma DQ, et al. (2005) Am J Hum Genet ;77(3):377-388.

Edenberg HJ, et al. (2004) Am J Hum Genet ;74(4):705-714.

Note: This product is for in vitro research use only