GABRB1 (Phospho-Ser434) Antibody

#12205

Catalog Number: 12205-1, 12205-2

Amount: 50μg/50μl, 100μg/100μl

Swiss-Prot No. :P18505

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl,0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20℃/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from Human GABRB1 around the phosphorylation site of serine 434 (R-A-Sp-Q-L).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

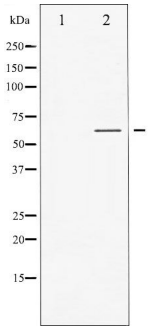
Specificity/Sensitivity:GABRB1(Phospho-Ser434) Antibody detects endogenous levels of GABRB1 protein only when phosphorylated at serine 434

Reactivity: Human,Mouse,Rat

Applications:

Predicted MW: 54 kd

WB:1:500~1:1000 IHC :1:50~1:200



Western blot analysis of GABA-RB phosphorylation expression in COS7 whole cell lysates,The lane on the left is treated with the antigen-specific 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