

GABAA Rβ1 rabbit pAb

Cat No.: ES5429

For research use only

Overview

Product Name GABAA Rβ1 rabbit pAb

Host species Rabbit

Applications IHC;IF;WB;ELISA **Species Cross-Reactivity** Human;Mouse;Rat

Recommended dilutions WB 1:500-2000 Immunohistochemistry: 1/100 -

1/300. ELISA: 1/40000. Not yet tested in other

applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human GABA-RB. AA

range:401-450

Specificity GABAA Rβ1 Polyclonal Antibody detects

endogenous levels of GABAA Rβ1 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Gamma-aminobutyric acid receptor subunit beta-1

Gene Name GABRB1

Cellular localization Cell junction, synapse, postsynaptic cell membrane;

Multi-pass membrane protein . Cell membrane ;

Multi-pass membrane protein .

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 55kD
Human Gene ID 2560
Human Swiss-Prot Number P18505

Alternative Names GABRB1; Gamma-aminobutyric acid receptor

subunit beta-1; GABA(A) receptor subunit beta-1

Background The gamma-aminobutyric acid (GABA) A receptor is

a multisubunit chloride channel that mediates the fastest inhibitory synaptic transmission in the



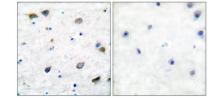
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central nervous system. This gene encodes GABA A receptor, beta 1 subunit. It is mapped to chromosome 4p12 in a cluster comprised of genes encoding alpha 4, alpha 2 and gamma 1 subunits of the GABA A receptor. Alteration of this gene is implicated in the pathogenetics of schizophrenia. [provided by RefSeq, Jul 2008],

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using GABA-RB Antibody. The picture on the right is blocked with the synthesized peptide.



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