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Product datasheet for AP23115PU-N

GABA B Receptor 1 (GABBR1) (947-961) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	**Immunohistochemistry on Paraffin Sections:** 3.75 - 5 µg/ml.
Reactivity:	Human, Bovine, Bat, Canine, Equine, Hamster, Monkey, Mouse, Porcine, Rabbit, Rat
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic peptide from the C-terminus of human GABBR1
Specificity:	This antibody detects GABBR1 (C-term). It is expected to recognize reported isoforms a, b and c (NP_001461.1, NP_068703.1, NP_068704.2 resp.).
Formulation:	Tris saline, pH 7.3 containing 0.02% sodium azide as preservative and 0.5% BSA as stabilizer State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	gamma-aminobutyric acid type B receptor subunit 1
Database Link:	Entrez Gene 54393 Mouse Entrez Gene 81657 Rat Entrez Gene 2550 Human Q9UBS5

View online »

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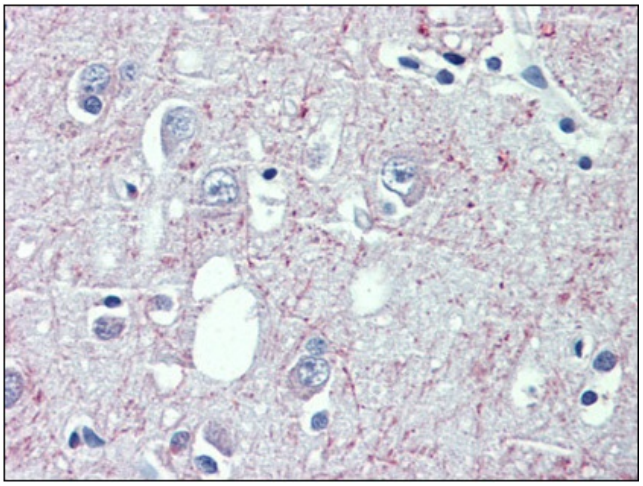
Background: GABA(B) receptor 1, a GABA(B) Receptor, forms a heterodimer with GABA(B) receptor 2 to mediate the effects of the inhibitory neurotransmitter gamma-aminobutyric acid (GABA) in the central nervous system. Activation of this receptor leads to fast synaptic inhibition. Reduced GABA(B) receptor 1a-b expression is implicated in the pathophysiology of temporal-lobe epilepsy. In primates, GABA(B) receptors are widely distributed and are located to subserve both pre- and postsynaptic roles in controlling synaptic transmission in the primate basal ganglia. Five alternatively spliced protein isoforms of GABA(B) receptor 1 have been identified.

Synonyms: GABA-B receptor 1, GABA-B-R1, GABA-BR1, GABABR1, Gb1, GPRC3A

Protein Families: Druggable Genome, GPCR, Secreted Protein, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

Product images:



Brain, cortex, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)

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