

GABABR 2

Cat.No. 322 204; Polyclonal Guinea pig antibody, 100 µl antiserum (lyophilized)

Data Sheet

Reconstitution/ Storage	100 µl antiserum, lyophilized. For reconstitution add 100 µl H ₂ O, then aliquot and store at -20°C until use.
Applications	WB: 1 : 1000 (AP staining) IP: yes ICC: not tested yet IHC: not tested yet IHC-P/FFPE: not tested yet
Immunogen	Synthetic peptide corresponding to AA 917 to 940 from rat GABABR2 (UniProt Id: O88871)
Reactivity	Reacts with: rat (O88871), mouse (Q80T41). Other species not tested yet.
Specificity	Specific for GABABR 2. (K.O. verified)

TO BE USED IN VITRO / FOR RESEARCH ONLY NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

Metabotropic **g**-aminobutyric acid type **B** receptors (**GABABRs**) are involved in the modulation of synaptic transmission and activity of cerebellar and thalamic neurons. In contrast to the ionotropic GABA-A receptors they are linked to G-proteins underlying the slow inhibitory postsynaptic potentials. GABABR 1 and **GABABR 2** have been shown to form heterodimers.

Selected General References

Distinct localization of GABA(B) receptors relative to synaptic sites in the rat cerebellum and ventrobasal thalamus. Kulik A, Nakadate K, Nyíri G, Notomi T, Malitschek B, Bettler B, Shigemoto R
The European journal of neuroscience (2002) 15(2): 291-307.

Heteromeric assembly of GABA(B)R1 and GABA(B)R2 receptor subunits inhibits Ca(2+) current in sympathetic neurons. Filippov AK, Couve A, Pangalos MN, Walsh FS, Brown DA, Moss SJ
The Journal of neuroscience : the official journal of the Society for Neuroscience (2000) 20(8): 2867-74.