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30-1384: Anti-GABA B receptor GB2 subunit Polyclonal Antibody(Discontinued)

Clonality :	Polyclonal
Application :	WB
Reactivity :	Mouse
Format :	Purified
Isotype :	Rabbit IgG
Immunogen Information :	Synthetic peptide (coupled with THG) derived from the last 23 aa of mouse GABA B receptor 2. 100% homology with human GB2.

Description

GABA B receptor is a G-protein-coupled inhibitory receptor of gamma-aminobutyric acid (GABA), and has important functions in brain by inhibition of adenylyl cyclase and modulation of G-protein-gated Ca2+ and K+ channels. GABA B receptor is comprised of two subunits, GB1 and GB2 with N-terminal extracellular and C-terminal intracellular domains. The GB1 subunit plays a critical role in ligand binding, whereas the GB2 subunit contains the determinants required for G-protein signaling. Multiple allosteric interactions between the two subunits are required for correct functioning of the receptor. There are two N-terminal splice variants of GB1 subunit, termed GB1a and GB1b; their expression in the central nervous system changes during the ontogenesis and differs between various regions of the brain.

Product Info

Amount :	0.1 mg
Purification :	Purified from rabbit serum by affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Western Blotting *Recommended dilution:* 0.6 µg/ml
Immunocytochemistry

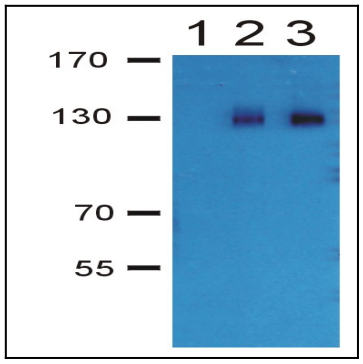

Figure 1: Western blotting analysis of GABA B receptor GB2 subunit in rat liver (1), GB2-transfected HEK292 cells (2) and rat brain (3)

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