

30-1383: Anti-GABA B receptor GB1b subunit Polyclonal Antibody(Discontinued)

Clonality :	Polyclonal
Application :	WB, ICC
Reactivity :	Mouse, Rat
Format :	Purified
Isotype :	Rabbit IgG
Immunogen Information :	Synthetic peptide (coupled with THG) derived from amino acid sequence 30-47 of mouse GABA B receptor 1b. Only 1 amino acid is different from immunogen derived from human GB1b.

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:* 2 µg/ml
Immunocytochemistry