

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

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB, ICC
<b>Reactivity :</b>	Mouse, Rat
<b>Format :</b>	Purified
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	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 Ca<sup>2+</sup> and K<sup>+</sup> 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

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

#### Application Note

**Western Blotting** *Recommended dilution:* 2 µg/ml  
**Immunocytochemistry**