

## GABA B Receptor 2 polyclonal antibody

Catalog: BS65739      Host: Rabbit      Reactivity: Hu-  
man, Mouse, Rat, Chicken, Dog, Cow, Horse, Rabbit,

### Background:

Receptor for GABA. The activity of this receptor is mediated by G-proteins that inhibit adenylyl cyclase activity, stimulates phospholipase A2, activates potassium channels, inactivates voltage-dependent calcium-channels and modulates inositol phospholipids hydrolysis. Plays a critical role in the fine-tuning of inhibitory synaptic transmission. Pre-synaptic GABA-B-R inhibit neurotransmitter release by down-regulating high-voltage activated calcium channels, whereas postsynaptic GABA-B-R decrease neuronal excitability by activating a prominent inwardly rectifying potassium (Kir) conductance that underlies the late inhibitory postsynaptic potentials. Not only implicated in synaptic inhibition but also in hippocampal long-term potentiation, slow wave sleep, muscle relaxation and antinociception.

### Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

### Molecular Weight:

125 kD

### Swiss-Prot:

O75899

### Purification&Purity:

affinity purified by Protein A

### Applications:

WB=1:500-2000

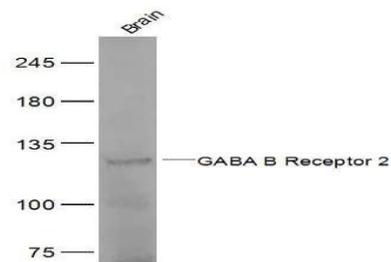
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

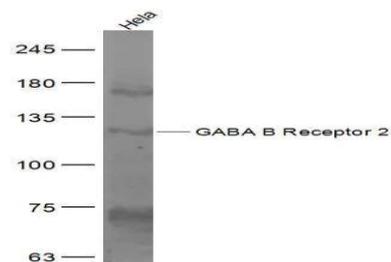
### Specificity:

GABA B Receptor 2 Polyclonal Antibody detects endogenous levels of GABA B Receptor 2 protein.

### DATA:



Primary: Anti-GABA B Receptor 2 at 1/300 dilution



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### Note:

For research use only, not for use in diagnostic procedure.

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