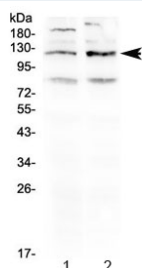


## GABA B Receptor 1 Antibody (R32793)

Catalog No.	Formulation	Size
R32793	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse, Rat
<b>Predicted Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
<b>UniProt</b>	Q9UBS5
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This GABA B Receptor 1 antibody is available for research use only.



Western blot testing of 1) rat brain and 2) mouse brain lysate using GABA B Receptor 1 antibody at 0.5ug/ml. Predicted molecular weight: 108-130 kDa (multiple isoforms).

## Description

Gamma-aminobutyric acid (GABA) B receptor 1 (GABAB1), is a G-protein coupled receptor subunit encoded by the GABBR1 gene. This gene encodes a receptor for gamma-aminobutyric acid (GABA), which is the main inhibitory neurotransmitter in the mammalian central nervous system. This receptor functions as a heterodimer with GABA(B) receptor 2. Defects in this gene may underlie brain disorders such as schizophrenia and epilepsy. Alternative splicing generates multiple transcript variants, but the full-length nature of some of these variants has not been determined.

## Application Notes

Optimal dilution of the GABA B Receptor 1 antibody should be determined by the researcher.

## Immunogen

Amino acids Q186-D405 from the human protein were used as the immunogen for the GABA B Receptor 1 antibody.

## Storage

After reconstitution, the GABA B Receptor 1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.