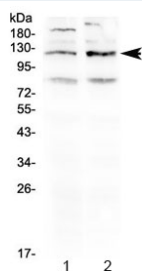


GABA B Receptor 1 Antibody (R32793)

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

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Predicted Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	Q9UBS5
Applications	Western Blot : 0.5-1ug/ml
Limitations	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.