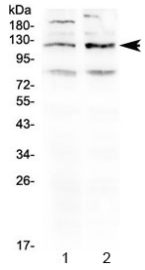
GABA B Receptor 1 Antibody (R32793)

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
Host	Rabbit
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	WB: 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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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