

For Research Use Only

GABA B receptor 1 Polyclonal antibody, PBS Only

Catalog Number: 13940-1-PBS



Basic Information

Catalog Number:

13940-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4838

GenBank Accession Number:

BC041332

GeneID (NCBI):

2550

UNIPROT ID:

Q9UBS5

Full Name:

gamma-aminobutyric acid (GABA) B receptor, 1

Calculated MW:

961 aa, 108 kDa

Observed MW:

105-130 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

GABA B receptor 1 (GABBR1) is an essential protein subunit that forms the functional GABA B receptor, a metabotropic receptor for the primary inhibitory neurotransmitter in the central nervous system, gamma-aminobutyric acid (GABA). Unlike the fast-acting ionotropic GABA A receptors, GABA B receptors mediate slow, prolonged inhibitory signaling through G-proteins. Two bands with the apparent molecular weights of 130 and 105 kDa were corresponding to GABAB1a and GABAB1b proteins, were identified in the brain extract and membrane extract of wild-type mice (PMID: 12970075).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

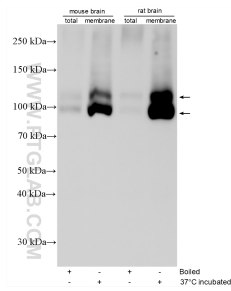
T: 4006900926

E: Proteintech-CN@ptglab.com

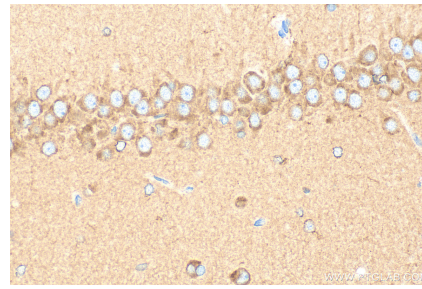
W: ptgcn.com

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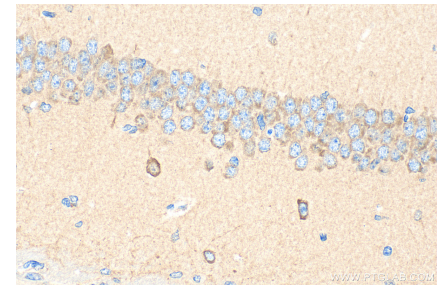
Selected Validation Data



Boiled and 37°C incubated mouse brain tissue were subjected to SDS PAGE followed by western blot with 13940-1-AP (GABA B receptor 1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 13940-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 13940-1-AP (GABA B receptor 1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 13940-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13940-1-AP (GABA B receptor 1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 13940-1-PBS in a different storage buffer formulation.