

For Research Use Only

GABA B receptor 1 Polyclonal antibody, PBS Only

Catalog Number: 13940-1-PBS



Basic Information

Catalog Number: 13940-1-PBS	GenBank Accession Number: BC041332	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2550	
Source: Rabbit	UNIPROT ID: Q9UBS5	
Isotype: IgG	Full Name: gamma-aminobutyric acid (GABA) B receptor, 1	
Immunogen Catalog Number: AG4838	Calculated MW: 961 aa, 108 kDa	
	Observed MW: 105-130 kDa	

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

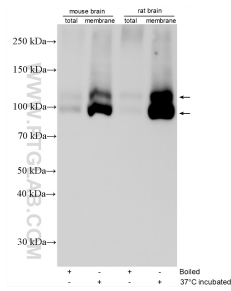
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

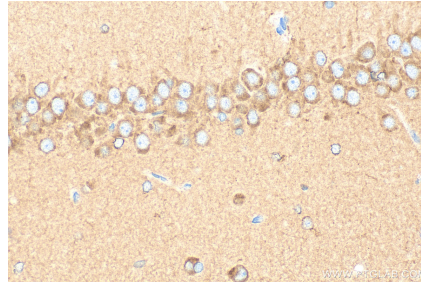
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

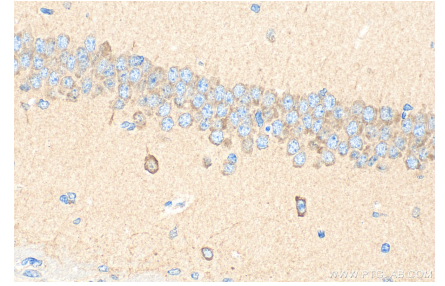
Selected Validation Data



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.