

## GABAB R1 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP03434
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GABA-B Receptor. AA range:871-920
<b>Mol wt</b>	57972
<b>Species reactivity</b>	Human, Mouse, Rat, Monkey
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	GABAB R1 Antibody
<b>Synonyms</b>	GABBR1; GPRC3A; Gamma-aminobutyric acid type B receptor subunit 1; GABA-B receptor 1; GABA-B-R1; GABA-BR1; GABABR1; Gb1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

The product of GABRE belongs to the ligand-gated ionic channel (TC 1. A. ) family. It encodes the gamma-aminobutyric acid (GABA) A receptor which is a multisubunit chloride channel that mediates the fastest inhibitory synaptic transmission in the central nervous system. This gene encodes an epsilon subunit. It is mapped to chromosome Xq28 in a cluster comprised of genes encoding alpha 3, beta 4 and theta subunits of the same receptor. Alternatively spliced transcript variants have been identified, but only one is thought to encode a protein.

### Recommended Dilution

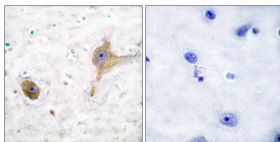
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

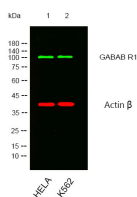
ELISA: 1: 20000

Not yet tested in other applications.

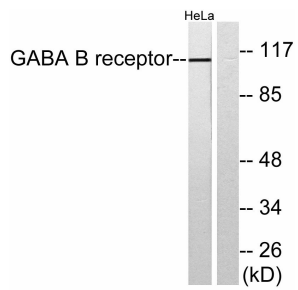
### Images



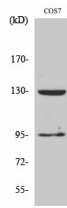
Immunohistochemistry analysis of paraffin-embedded human brain tissue, using GABA-B Receptor Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa, K562 cells, (Green) primary antibody was diluted at 1:1000, 4° over night, secondary antibody was diluted at 1:10000, 37° 1hour. (Red) loading control antibody was diluted at 1:5000 as loading control, 4° over night, secondary antibody was diluted at 1:10000, 37° 1hour.



Western blot analysis of lysates from HeLa cells, using GABA-B Receptor Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using GABAB R1 Polyclonal Antibody diluted at 1:500

### Storage

-20°C for one year

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