

GABAB R1 Polyclonal Antibody

Description

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

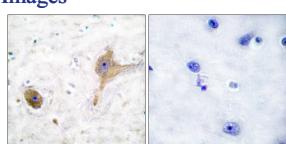
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

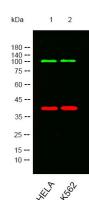
ELISA: 1: 20000

Not yet tested in other applications.

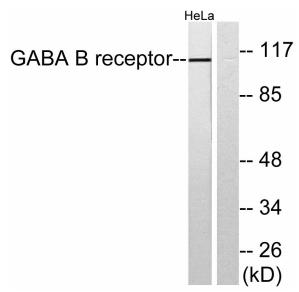
Images



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

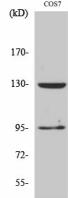


Western blot analysis of lysates from HeLa,K562 cells, (Green) primary antibody was diluted at 1:1000, 4° over night, secondary antibody was diluted at 1:10000, 37° 1 hour. (Red) loading control antibody was diluted at 1:5000 as loading control, 4° over night,secondary antibody was diluted at 1:10000,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



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

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com