

GBRD polyclonal antibody

Catalog: BS65284

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

gamma-aminobutyric acid type A receptor delta subunit (GABRD) Homo sapiens Gamma-aminobutyric acid (GABA) is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. The GABA-A receptor is generally pentameric and there are five types of subunits: alpha, beta, gamma, delta, and rho. This gene encodes the delta subunit. Mutations in this gene have been associated with susceptibility to generalized epilepsy with febrile seizures, type 5. Alternatively spliced transcript variants have been described for this gene, but their biological validity has not been determined. [provided by RefSeq, Jul 2008]

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Molecular Weight:

~ 51 kDa

Swiss-Prot:

O14764

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications:

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

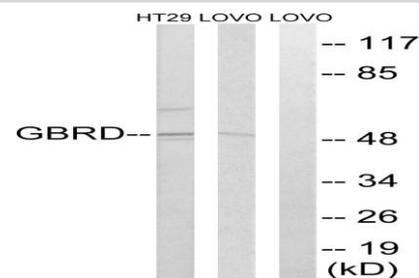
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

GABAA R δ Polyclonal Antibody detects endogenous levels of GABAA R δ protein.

DATA:



Western blot analysis of lysates from LOVO and HT-29 cells, using GABRD Antibody. The lane on the right is blocked with the synthesized peptide.

Note:

For research use only, not for use in diagnostic procedure.

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