

GABA A Receptor beta 1 (GABRB1) Rabbit pAb

Catalog No.: A16015

Basic Information

Observed MW

54kDa

Calculated MW

54kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

The gamma-aminobutyric acid (GABA) A receptor is a multisubunit chloride channel that mediates the fastest inhibitory synaptic transmission in the central nervous system. This gene encodes GABA A receptor, beta 1 subunit. It is mapped to chromosome 4p12 in a cluster comprised of genes encoding alpha 4, alpha 2 and gamma 1 subunits of the GABA A receptor. Alteration of this gene is implicated in the pathogenetics of schizophrenia.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

2560

Swiss Prot

P18505

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 300-400 of human GABA A Receptor beta 1 (GABRB1) (NP_000803.2).

Synonyms

DEE45; EIEE45; GABA A Receptor beta 1 (GABRB1)

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

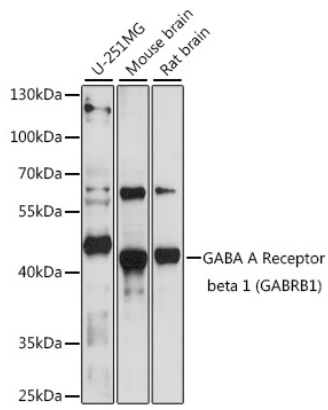
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using GABA A Receptor beta 1 (GABRB1) Rabbit pAb (A16015) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.