

GABA A Receptor beta 1 (GABRB1) Rabbit mAb

Catalog No.: A19681 Recombinant

Basic Information

Observed MW

54kDa

Calculated MW

54kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC2229

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 - 1:1000

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID2560

Swiss Prot
P18505

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

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

Contact

<u>a</u>		400-999-6126
\bowtie		cn.market@abclonal.com.cn
•	T	www.abclonal.com.cn

Product Information

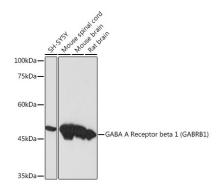
SourceIsotypePurificationRabbitIgGAffinity purification

Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using GABA A Receptor beta 1 (GABRB1) (GABRB1) Rabbit mAb (A19681) at 1:1000 dilution.

Secondary antibody: HRP-conjugated 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: 90s.