

Datasheet for ABIN2461171 **anti-GABRG2 antibody**

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1 Image

Overview

Quantity:	100 µL
Target:	GABRG2
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABRG2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human GABRG2.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	GABRG2
Alternative Name:	GABRG2 (GABRG2 Products)
Background:	Gamma-aminobutyric acid (GABA), the major inhibitory neurotransmitter in the brain, mediates neuronal inhibition by binding to GABA receptors. The type A GABA receptors are pentameric chloride channels assembled from among many genetic variants of GABA (A) subunits. GABRG2 is the gamma 2 subunit of GABA (A) receptor. Mutations in this gene have been associated with epilepsy and febrile seizures. Gamma-aminobutyric acid (GABA), the major

Target Details

inhibitory neurotransmitter in the brain, mediates neuronal inhibition by binding to GABA receptors. The type A GABA receptors are pentameric chloride channels assembled from among many genetic variants of GABA (A) subunits. This gene encodes the gamma 2 subunit of GABA (A) receptor. Mutations in this gene have been associated with epilepsy and febrile seizures. Alternative splicing of this gene results in transcript variants encoding different isoforms.

Molecular Weight: 36 kDa, 54 kDa, 55 kDa

Gene ID: 2566

NCBI Accession: [NP_944493](#)

UniProt: [P18507](#)

Application Details

Application Notes: GABRG2 antibody can be used for detection of GABRG2 by ELISA at 1:62500. GABRG2 antibody can be used for detection of GABRG2 by western blot at 1.25 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.

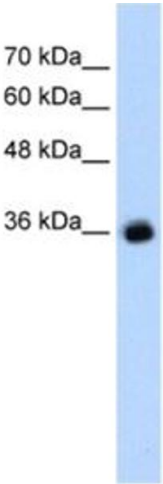
Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store GABRG2 antibody at -20 °C.



Western Blotting

Image 1.