

Datasheet for ABIN2776351
anti-GABRG2 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	GABRG2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Horse, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABRG2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human GABRG2
Sequence:	AMDLFVSVCF IFVFSALVEY GTLHYFVSNR KPSKDKDKKK KNPAPTIDIR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against GABRG2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	GABRG2
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Target Details

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 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. Alias Symbols: CAE2, ECA2, GEFSP3 Protein Interaction Partner: ZDHHC3, GABARAP, PRKCB, PRKCA, GABRG2, DRD5, PPP3CA, Protein Size: 327
Molecular Weight:	36 kDa
Gene ID:	2566
NCBI Accession:	NM_198903 , NP_944493
UniProt:	P18507

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 327 AA
Restrictions:	For Research Use only

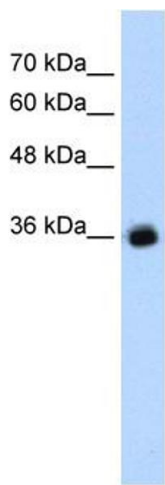
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-GABRG2 Antibody Titration:
1.25ug/ml Positive Control: HepG2 cell lysate